CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Roads, airports, street lighting systems, Chicago, Ill., election Nov. 6, $26,500,000.

City and county building, Detroit, Mich., Wayne Co., election Nov. 6, $20,000,000.

Roads, Ohio, election in November, $9,300,000.

Oil pipe line, etc., Texas, Boxana Petroleum Co., San Antonio, surveys, $8,400,000.

Hotel, Cleveland, O., Cleveland Hotel Co., $4,000,000.

Hydro-electric plant, L'Anse, Mich., Wisconsin, Michigan Power Co., subsidiary North American Edison Co., New York, $3,000,000.

Hotel, Louisville, Ky., A. E. Block & Co., $2,400,000.

Schools, Brooklyn, N. Y., Bd. Educ., New York, $2,035,000.

Hotel, Reading, Pa., R. H. Meyer, Birmingham, Ala., $2,000,000.

Roads, Gainesville, Tex., Cooke Co., election Nov. 17, $2,000,000.

Excavation, Brownwood, Tex., Brown Co., election Dec. 4, $2,000,000.

Hotel, Atlantic City, N. J., owner c/o L. I. Brooks, archt., New York, sketches, $2,000,000.

Schools, St. Joseph, Mo., voted $2,000,000.

Roads, Joliet, Ill., Will Co., election Nov. 6, $1,750,000.

Office, Richmond, Va., Central Natl. Bank, $1,500,000.

Printing plant, Los Angeles, Calif., Los Angeles Printing Building, Inc., sketches, $1,500,000.

Roads, Roby, Tex., Fisher Co., defeated, $1,400,000.

Store, bank and office, New York, N. Y., R. Weinberg, $1,250,000.

Apartment St. Louis, Mo., Sovereign Building & Investment Co., sketches, $1,250,000.

Road improvements, Zapata, Tex., Zapata Co., preliminary, surveys, $1,000,000.

Armory, Jamaica, N. Y., Armory Bd., New York, $1,000,000.

Apartment, New York, N. Y., Malex Realty Corp., $1,000,000.

Bids Desired

High school, Trenton, N. J., Bd. Educ., bids about Feb. 1, $3,000,000.

Docks and terminal, Prescott, Ont., S. E. O'Brien, secy., Dpt. P. Wks., Ottawa, takes bids about Dec. 1, $2,500,000.

Bank and office, Minneapolis, Minn., Graham, Anderson, Probst & White, archts., takes bids about Nov. 7, for owners, $2,000,000.

Vocational school, St. Louis, Mo., Bd. Educ., takes bids about Feb. 1, $1,500,000.

Waterworks, Waco, Tex., Nov. 22, by City Water Bd., $1,500,000.

Bank and office, San Antonio, Tex., Alamo Nat'l Bank, bids after Jan. 1, $1,250,000.

Rest home, San Francisco, Calif., H. H. Gutterson, archt., taking bids for owners, $1,000,000.

Bids Received

Subway, Brooklyn, N. Y., Bd. Transportation, New York, Route 109, Sect. 6, from Rodgers & Haggerty, Inc., New York, $2,676,000.

Public Bond Elections, coming and decided, are listed on Construction News page 237a.

Contracts Awarded

Irrigation, Greece, Greek Government, Athens, to Ulen & Co., and John Marks & Sons., both New York, $30,000,000.

Subway, Long Island City, N. Y., Bd. Transportation, New York, Sect. 2, Route 108, to J. F. Cogan Co., New York, $8,244,217.

Hotel, New York, N. Y., Harby, Abrons & Melius, separate contracts, $5,000,000.

Court house and city hall, Denver, Colo., Manager Improvement & Parks City & Denver Co., to Varnum & Bate, $4,242,871.

Apartment, New York, N. Y., Central Park Properties, Inc., to A. E. Lefcourt, est., $4,000,000.

Office, store and lofts, New York, N. Y., Five Hundred Thirty 7th Ave. Corp., to Shroder & Koppel, est., $2,500,000.

Dredging and rock removal, New York, N. Y., U. S. Engineer Office, to Arundel Corp., Brooklyn and others totaling, $1,725,717.

Temple, Kansas City, Mo., Keene & Simpson, archts., to Swenson Constr. Co., for owners, est., $1,500,000.

Apartment, New York, N. Y., One Forty Nine East 47th St., to G. Richard Davis & Co., est., $1,500,000.

Apartment, New York, N. Y., Corporation c/o W. Gullman, to Bing & Bing, est., $1,200,000.

Apartment, New York, N. Y., P. W. Investment Co., to E. A. Levy Constr. Co., est., $1,000,000

Refractory plant, Augusta, Ga., Babcock & Wilcox Co., New York, separate contracts, ultimate cost, $1,000,000.

Theatre, Sioux Falls, S. D., Eighth Street & Phillips Ave., Building Corp., to Reliable Constr. & Invest. Co., Chicago, Ill., est., $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

N. Y., Oswego — Enlarging pumping facilities of waterworks, using electrical pumps. $200,000. Hazen & Whipple, 25 West 43rd St., New York, consult. engrs.

N. J., Little Ferry—Bd. Boro Council preliminary plans extending mains through Redneck Ave. from deadend at Roosevelt St. to boro line. $15,000. McClave & McClave, 60 Gorge Rd., Cliffside, boro engrs.

La., Mer Rouge—Preliminary plans 20,000 ft. mains, 50,000 gal. tank on tower.

Tenn., Bruceton — Preliminary surveys new waterworks. $25,000. J. M. Richards, 420 Bennie Dillon Bldg., Nashville, engr.

Neb., Steele City—Waterworks. To exceed $15,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Mo., Moberly — Burns & McDonnell, engrs., 401 Interstate Bldg., Kansas City, submitted report improving waterworks, for City. To exceed $15,000.

Ark., Glenwood — Preliminary plans waterworks, pumping equipment, reservoir, tank on tower, distribution mains.

Ark., Hughes—Preliminary plans distribution system, deep wells, pumping equipment, tank on tower, sanitary sewers, disposal plant.

Tex., Austin—City, c/o A. R. Johnson, mgr., 24 in. main water extension from city plant across Colorado River into South Austin. $105,000. O. E. Metcalfe, city engr.

Okla., Norman—Preliminary plans 500,000 gal. tank, tower. $15,000.

Okla., Oklahoma City—Preliminary plans mains in Nichols Addition. To exceed $25,000. Private plans.

Wash., Tacoma—City Council replacing 7,060 ft. 12 in. with 32 in. steel pipe in East 11th St. between Puyallup River and Taylor Way. $104,080.

Calif., Chico — California Water Serv. Corp., drilling 3 wells, installing pumping plant to supply 1,000 g.p.m. for waterworks. $15,000. Private plans.

Bids Desired

N. Y., New York—Nov. 2, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Peters Pl., Boston Rd., Coddington, Decatur, Fish, Hobart, Hone, Jerome, Johnson, Turneur and Watson Aves., McDonald, Truxton, and East 174th Sts.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Pa., Phila.—Nov. 7, by Dpt. P. Wks., Bureau of Water, A. Murdock, dir., 35,510 ft. 60, 72, and 93 in. steel pipe, 125,000 cu.yd. earth and 31,000 cu.yd. rock excav., for Torresdale Distribution System, Contr., 928; 1,600 cu.yd. earth and 3,700 cu.yd. rock excav., 450 tons 20 in. and smaller c.i. pipe in Mt. Pleasant St., Mt. Airy and Boyer Aves., Contr. 948, 500 low pressure fire hydrants, Contr. 949.

Mich., Detroit—Nov. 14, by Bd. Water Comrs., electric motor driven centrifugal pump 14, at Water Works Park. G. H. Fenkell, genl. mgr. and ch. engr.; adv. E. N.-R. Nov. 1.

Tex., Waco—Nov. 22, by City Water Bd., c/o C. Shear, chn., constructing steel, earth dam across Bosque River to City water supply. $1,500,000. Floyd & Lockridge, Wilson Bldg., Dallas, consult. engrs. Noted Nov. 17.

Okla., Maud—Nov. 9, by F. Fowler, city clk., 250,000 gal. reservoir, 2 motor driven centrifugal and 1 marine engine driven centrifugal pump, c.i. connecting pipe lines. $20,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 11.

Contracts Awarded

N. Y., New York — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in 8th Ave., to Beaver Eng. & Contg. Co., 57 Chambers St., $22,714. Noted Sept. 20.

Mich., Detroit—Dpt. Water Supply, 73,000 cu.yd. excav. for foundations, for Springwells Pumping Station, to O. J. Trudeau, 2567 West Grand Blvd., $34,770. Noted Oct. 4.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., 2,568 ft. 6- to 42-in. c.i. mains in Hawley Rd., to H. Hohensee, 1282 10th Ave., $31,042. Est. $38,100.

Neb., Alliance—See "Streets and Roads."

Tex., Corsicana — City, J. S. Murchison, mayor, extending waterworks incl. c.i. distribution mains, 400,000 gal. elevated tank, to Wilson & Seward, Brady, Proposal I using leadite joints, $10,696; c.i. pipe to U. S. Cast Iron Pipe & Fdry. Co., Magnolia Bldg., Dallas, $16,041; valves, to Eddy Valve Co., Dallas, $3,972. Grand total $30,709. Noted Oct. 11.

See proposal advertising on page 134

Constr. News page 233

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Laid 10 miles of water main—and satisfactory in every particular!

—said a waterworks engineer of national reputation, referring to this installation

Here is the story:—

THE Second Taxing District, South Norwalk, Connecticut, U.S.A., has just completed the installation of approximately ten miles of cast iron bell and spigot water mains, varying in size from 6" to 18". The work included the placing of about fifty cutting-in-tees on existing piping and their connection to new work.

Leadite was selected for jointing material after receiving competitive bids for laying with lead.

The total amount of the successful bids for all work, excepting the furnishing of the cast iron pipe, specials and valves, was as follows:

Lead Joints	$155,631
LEADITE Joints	142,535
Difference	$ 13,096
Saving in favor of **LEADITE**	8.4%

The work was performed by contractors experienced in the use of this material and was satisfactory in every particular.

Specifications required that after laying, the pipe should be tested for leakage under water pressures varying from 40 pounds to 115 pounds per square inch, and that the leakage should not exceed two gallons per 24 hours per linear foot of joint. The results of the tests were well within this limit.

This work was under the direction and supervision of Mr. Nicholas S. Hill, Jr., Consulting Engineer, 112 East 19th Street, New York, N.Y., U. S. A.

Leadite is used extensively by thousands of water works engineers, superintendents and contractors with excellent results.

Specify and use **LEADITE** It saves at least 75%

Be sure it is **LEADITE** and accept no imitations

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA., U. S. A.

NO CAULKING

Waterworks (Continued)

Okla., Hobart—C. R. Williams, city clk., new water softening plant, equipment, chemical machines, main extensions, to E. W. Baker & Co., Perrine Bldg., Oklahoma City, $43,117. Est. $46,500. Noted Oct. 4.

Okla., Maud—F. Fowler, city clk., extending mains, to Standard Paving Co., 2119 East 11th St., Tulsa, $16,380. Est. $40,000. Noted Oct. 11.

Ore., Hood River—H. L. Howe, city recdr., 17 mi. water pipe line, to Randolph Contg. Co., Ada, Okla., $208,124. Est. $250,000. Noted Sept. 27.

Sewers

Proposed Work

N. J., Bernardsville—Boro Council, Boro Hall, preliminary plans sewage disposal plant. $302,381. C. Potts, 4 Farragut Pl., Morristown, boro engr.

N. J., Garwood — Boro Council, Boro Hall, preliminary plans sanitary sewerage system in 3rd Ave. from Westfield Town line to Walnut St., and Walnut St. from 3rd Ave. and Brookside Pl. $25,000. L. F. Churchill, boro engr.

N. J., New Brunswick — City Comn. sanitary trunk sewer in Three Mile Run where it crosses Delaware and Raritan Canal. $65,000. A. Atkinson, city engr.

N. J., Plainfield — See "Streets and Roads."

O., Berea—Village surveys sewage disposal plant. C. W. Root, 432 Society for Savings Bldg., Cleveland, engr.

O., Medina—Sanitary sewers. $130,000. G. Gascoigne, Leader Bldg., Cleveland, engr.

Neb., Grand Island—Surveys sewers, disposal plant. To exceed $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Neb., Hemingford — Postponed until spring bids for 26,700 ft. 8- to 12-in. sewers, 536 wyes, 63 manholes, 5 standard flush tanks, 1,200 ft. ¾ in. galvanized pipe, disposal plant. $48,913. Henningson Eng. Co., 326-30 Union State Bank Bldg., Omaha, engrs. Noted Oct. 4.

Neb., South Sioux City—For 12 mi. 8- to 18-in. sanitary sewers. $100,000. F. Gordon, mayor. Noted Aug. 9.

Neb., Wauneta—Takes bids in December or early January, 12,200 ft. 8- to 12-in. sewer pipe, 900 ft. 8 in. c.i. pipe, 38 manholes, 5 flush tanks, 1,000 ft. ¾ in. galvanized iron pipe. $28,972. Henningson Eng. Co., 326 Union State Bank Bldg., Omaha, $28,972.

Mo., St. Charles—Revised plans sewers. To exceed. $25,000. Burns & McDonnell, 401 Interstate Bldg., Kansas City, engrs.

Ark., Bald Knob—Soon takes bids complete sanitary sewerage system. $35,000. William Crooks Eng. Co., Home Insurance Bldg., Little Rock, engrs. Noted June 7.

Ark., Hughes—See "Waterworks."

Tex., Houston—Storm sewers in Houston Ave. extension and North Main St. from Enid to Houston Aves., $55,000; sanitary sewers from North Side disposal plant to Lyons Ave. and from there to Kress St., $45,000. J. C. McVea, engr.

Tex., Hallettsville — Survey sewerage system. $35,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted Oct. 18.

Calif., Compton—New plans 29,973 ft. 8- to 18-in. vitr. sewers in Pearl Ave. G. Rood, city engr.

Calif., Los Angeles—Supervs. Los Angeles Co., 5.25 mi. cement sewers, manholes in Impvt. 686-Forest Lawn St. To exceed $60,000.

Bids Desired

N. Y., New York—Nov. 9, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers in Van Cortland Park S., Fieldston Rd., Tenbroeck, Murdock and Laconia Aves.

N. J., Highlands—Nov. 26, by Boro Council, sanitary sewerage system, sewage treatment plant, sewage pumping stations, ocean outfall sewer. Remington & Vosbury, 509 Copper St., Camden, engrs.; adv. E. N.-R. Nov. 1.

N. J., Union — Nov. 5, by Twp. Com., Town Hall, 4,780 ft. 8 in. vitr. sewer in Morrison Ave. $35,000. H. Kreh, Falls Bldg., twp. engr.

O., Akron—Nov. 7, by F. E. Swineford, dir. P. Service, 6,690 ft. 12- to 78-in. rein.-con. and 915 ft. 66- to 132-in. vitr. clay main trunk sewer for storm and sanitary sewerage. A. B. Backherms Municipal Bldg., engr.

Md., Baltimore—Nov. 7, by Bd. Awards, sanitary sewers, storm drains in Dists. 47 and 49, Storm Water Contr. 121; Dist. H-1, Storm Water Contr. 117. M. J. Ruark, sewerage engr.

Wash., Spokane — Nov. 8, by L. Funk, comr. Dpt. P. Wks., sewers in alleys between Monroe and Madison Sts., and Providence and Kiernan Aves. S. & R.

Calif., Los Angeles—Nov. 7, by Bd. P. Wks., 11,082 ft. house sewers in Gardner and 3rd Sts. Former bids rejected.

Ont., Crystal Beach — Nov. 5, by J. H. Nagel, Reeve, 7,100 lin.ft. 10 and 12 in. vitr. tile sewer, concrete sewage ejector well, 250 g.p.m. sewage ejector. $40,000. Ross & Scott, Welland, and E. H. Darling, Federal Bldg., Hamilton, engrs.

Contracts Awarded

N. J., Caldwell—Bd. Boro Council, Boro Hall, sewer in Smull Ave., to C. DeFazio, 109 Whittlesey Ave., West Orange, $26,365. Noted Sept. 6.

N. J., Fort Lee—Bd. Boro Council, Boro Hall, storm drain sewer in Anderson Ave., to J. J. McGarry, Gorge Rd., Edgewater, $26,825.

N. J., Union—Twp. Comn., Town Hall, sanitary sewers in Stuyvesant Ave., to J. Miele Constr. Co., 173 Harrison St., Bloomfield, $176,984; in Indiana St., to A. Fastiggi, Monclair, $24,575. Noted Sept. 20.

N. J., West Orange—Bd. Town Comrs., Town Hall, sanitary sewers in area between 1st and 2nd Mountains, to Luce Bros. & Tozzi, 431 Florence Ave., Hillside, $318,109. Noted Oct. 25.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Surveys, to Mazzola & Marano, Inc., 739 South 7th St., branch sewer in Reed St. $5,043, Georgian Rd. and Andrews Ave. $22,635, Walnut St. $11,172. Grand total $38,850.

O., Akron—F. E. Swineford, dir. Pub. Wks., 3,435 ft. 8- to 24-in. vitr. clay interceptor sewer along Ohio Canal, to Louis Crano, Inc., 605 Peoples Savings & Trust Bldg., $30,378. Est. $35,700.

O., Akron—F. E. Swineford, dir. Pub. Serv., 2,620 ft. Camp Brook Interceptor Sewer and 4,595 ft. Home Ave. Trunk Sewer, to F. George, 1657 Mahoning Ave., Youngstown, $41,453 and $256,082 respectively; 6,690 ft. Reed Avenue Sewer, to S. Erslan, 370 Bowery St., $12,196. Grand total $309,731. Noted Aug. 9.

O., Cincinnati—Hamilton Co., Sewer 15, Dist. 3, 59,825 ft. 6- to 18-in. vitr. clay pipe, to Marasco Constr. Co., Erie, Pa., $121,244. Est. $140,000. Noted June 28.

Ky., Louisville — Sewer Letting 920, to Louisville Asphalt Co., 240 East Lee St. $6,130, to Cannall Conrad Co., Todd Bldg., $20,209, to G. M. Eady, Gaulbert and Lee Sts. $11,000. Grand total $37,339.

Minn., White Bear—R. Bloom, city clk., 6,275 ft. 8- to 15-in. sewers, 12 manholes, 18 flush tanks, 7 lampholes, house connections, to Feyen Constr. Co., 277 Burgess St., St. Paul, $34,045; reconstructing 7,348 ft. 8- to 18-in. sewers, to W. C. Fraser & Son, 1957 University Ave., St. Paul, $10,995. Noted Sept. 20.

Neb., Alliance—See "Streets and Roads."

Calif., Los Angeles — Rein.-con. storm sewer in rights-of-way adjacent to San Fernando Rd., to Kemper & Cox, 1100 Westminster Ave., Alhambra, $42,715.

Calif., Los Angeles — Supervs. Los Angeles Co., 10.5 mi. vitr. sewerage system in Impvt. 743-Haynes Clearwater Sect., to J. Artukovich, 648 East 50th St., $173,878.

Ont., Port Colborne—H. F. Johnson, town clk., laying 20,000 ft. sanitary sewers, to F. F. Fry Ltd., 43 Scott St., Toronto, 7 pumping stations, to R. H. McGregor, 261 Donlands Ave., Toronto, $28,801. Noted Oct. 18.

Waste Disposal

Proposed Work

N. J., Bogota—Bd. Boro Council, Boro Hall, disposal plant. $30,000. R. Schweizer, Jr., boro engr. Noted Sept. 6.

N. J., Edgewater—Bd. Boro Council, Boro Hall, incinerator. $50,000. W. B. Delehanty, 26 Hudson Terrace, boro engr.

Bids Received

N. Y., Brooklyn—Brooklyn Ash Removal Co., at office Street Cleaning Dpt., Municipal Bldg., New York, Oct. 29, incinerators at (1) Gowanus Canal (2) Newtown Creek (3) Avenue J, from Hiler Eng. & Contg. Co., 122 Livingston St., Proposition 1, furnace air preheaters of Sterling or Hennan design, (1) $390,000 and $380,000 (2) $390,000 and $380,000 (3) $374,000 and $364,000, from C. C. Bartlett & Snow Co., 6200 Harvard Ave., Cleveland, O. (1) $420,000 and $412,000 (2) $428,000 and $421,000 (3) $401,000 and $395,000, from Decarie Incinerator Corp., 342 Madison Ave., New York, Proposition 2, furnaces of Decarie design, (1) $470,000 and $455,000 (2) $465,000 and $450,000 (3) $460,000 and $445,000; from M. W. Kellogg Co., 71 Dey St., New York, 2 radial brick chimneys at (1) $31,000 (2) $32,800 (3) $32,000, from Alphons Custodis Chimney Constr. Co., 95 Nassau St., New York, at (1) $31,500 (2) $33,500 (3) $32,750. Noted Oct. 18.

Bridges

Proposed Work

R. I., Providence — City, City Engineers Office, City Hall, concrete, steel bridge, Crawford St. $25,000 or more. S. F. Nolan, City Hall, engr.

Ill., Calumet City — Comrs. Cook Co., County Bldg., Chicago, 3,100 ft. bridge and viaduct over Calumet River. $800,000. G. A. Quinlan, 139 North Clark St., Chicago, engr.

Minn., Duluth—P. G. Phillips, comr. Dpt. P. Wks., City Hall, bids after Jan. 2 to be opened Feb. 16, Lake Avenue, South Bridge, over Duluth Ship Canal, 396 ft. vertical lift span and towers. $550,000. Former bids rejected. Harrington, Howard & Ash, 1013 Baltimore Ave., Kansas City, Mo., engrs. Noted Oct. 11.

Wyo., Laramie—Union Pacific R.R. Co., G. J. Adamson, asst. ch. engr., Omaha, Neb., expending $350,000 improvements, erecting overhead viaduct. City election in November, $184,000, its share of cost.

Missouri—State Hy. Comn., Jefferson City, rein.-con. slab, rein.-con. deck girder, I-beam, steel span bridges in Andrew, Barry, Buchanan, Clay, Dallas, Greene, Knox, Lincoln, Livingston, Pettis, Saline and Wayne Counties. T. H. Cutler, ch. engr.

Tex., Austin—City, c/o A. R. Johnson, mgr., 50 ft. span rein.-con. arch design on skew bridge across Waller Creek. $25,000. H. R. F. Helland, Austin, consult. engr.

Tex., Brownwood—State and Brown Co., concrete, timber, steel vehicular bridge across Colorado River, on Brownwood-Brady Hy. $175,000. Address E. M. Davis, Brownwood, co. judge.

Bids Desired

N. Y., Olive—Nov. 9, by Bd. Supervs. Ulster Co., Court House, Kingston, single span rein.-con. arch bridge. Concrete-Steel Eng. Co., Park Row Bldg., New York, designing engr.; adv. E. N.-R. Nov. 1.

N. Y., Watertown—City, c/o City Clerk, City Hall, bids about Nov. 20, bridge over Black River, on Mill St. $90,000. Concrete & Steel Eng. Co., 21 Park Row, engr.

New Jersey — Nov. 19, by State Hy. Comn., Trenton, bridge across Scotland Run, on Route 48 (Revision 1927), at Malaga Lake, Gloucester Co. A. L. Grover, ch. clk.; adv. E. N.-R. Nov. 1.

O., Alliance—Nov. 22, at office N. C. Fetters, dir. P. Service & Safety, City Hall, repairing, rebuilding Main St. Viaduct. H. E. Anderson, city engr.; adv. E. N.-R. Nov. 1.

Kan., Iola—Nov. 9, by Clerk Allen Co., three 80 ft. span concrete arch bridge, Kansas Project 721-A. A. W. Young, Iola, engr.

Washington — Nov. 20, by State Hy. Comn., Olympia, one 126 ft. steel deck truss bridge with steel approaches over Morse Creek, Yakima Co. S. J. Humes, ch. engr.

Calif., Magra (mail Gold Run)—Nov. 14, by State Hy. Comn., Sacramento, one 48 ft., two each 30 ft. and 28 ft. span rein.-con. girder overhead crossing over Southern Pacific R.R. near here, Placer Co. $45,000. C. H. Purcell, Sacramento, engr. Noted Aug. 9 under "Auburn."

Ont., Ottawa—Nov. 12, by Secretary Bd. Control, concrete, steel bridge on Somerset St. $150,000. A. F. Macallum, City Hall, engr.

Ont., Toronto—Nov. 2, by Margison & Babcock, engrs., Royal Bank Bldg., 830 ft. concrete, steel deck truss bridge over Don River Ravine, on Bayview Ave., for North York Twp. $200,000. Noted Oct. 18.

Contracts Awarded

New York—A. W. Brandt, comr. Hys., Albany, **(e. e. means engineers estimate)**, bridges, Herkimer Co., to F. A. Ray, Herkimer, $30,679 e. e. $38,289—Franklin Co., to Scott Bros. Constr. Co., Rome, $182,454 e. e. $205,828—Monroe Co., to R. E. Tompkins, Rochester, $24,600 e. e. $35,576—Warren and Dutchess Counties, to Shackett Schofield, Inc., Beacon, $101,832 and $41,176 respectively, e. e. $130,497 and $55,044 respectively — Chautauqua Co., to W. D.

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Wooden Structural Materials
Creosoted by Republic
REPUBLIC
Controls its entire
Manufacturing Process
from the forest to your Plant
Timbers seasoned and framed in Republic's six great plants—properly impregnated by Republic's own pressure treatment process—with real creosote oil, distilled by Republic
Republic
Creosoted Products
WOOD BLOCK FLOORING
LUMBER and TIMBER
POLES and PILING
RAILROAD TIES
REPUBLIC·CREOSOTING·CO
Home Office and Plant ····Indianapolis·
OTHER PLANTS
ST. LOUIS PARK, MINN.
SEATTLE, WASH.
MOBILE, ALA.
NORFOLK, VA.
SALT LAKE CITY, UTAH

Bridges—(Continued)

Heffernan, Dunkirk, $25,740 e. e. $33,801—Essex Co., to C. E. Malone, Port Henry, $21,902 e. e. $28,071—Montgomery Co., to Milliron Constr. Co., Dubois, Pa., $131,327 e. e. $151,006—Ulster Co., to Harp & Conway Corp., Kingston, $56,315 e. e. $71,951—Ulster Co., to C. D. Perry, Albany, $58,717 e. e. $67,777. Grand total $674,742. Noted Sept. 20, under "Streets and Roads."

New Jersey—State Hy. Comn., Trenton, bridge over north channel, Toms River, Ocean Co., to Hill Constr. Co., Mount Holly, $38,544. Noted Oct. 11.

N. J., New Providence—Union Co., Court House, Elizabeth, steel, concrete bridge over Passaic River, to A. L. Trimpi, 279 Main St., Chatham, $42,240. Est. $50,000. Noted July 19.

Pa., New Castle—Lawrence Co. bridge on North St., to J. A. Byers, New Castle, $74,900. Est. $75,000.

Miss., Columbia — See "Streets and Roads."

Ala., Mobile — Mobile Co., concrete bridges, culverts, Government St. and Dickers Ferry Rd., to Cox & Bryson, Mobile, $20,266—Telegraph Rd., to Mobile Constr. Co., Mobile, $4,613—Delchamps Rd., to J. W. Gilbert, Mobile, $19,231—Bayou La Barte Rd., to G. A. Muths, Mobile, $12,241. Grand total $56,351. Noted Aug. 2.

Illinois—State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, bridges in Jefferson Co., to H. R. Cawood, Mt. Vernon, $69,688—White Co., to International Steel & Iron Co., Evansville, Ind., $6,211—Livingston Co., to Taylor Constr. Co., Hubbard Woods, $44,024—Tazewell Co., to A. P. Munsen, Marion, Ia., $26,133—Iroquois Co., to Zimmerly Bridge Co., Paris, $16,027—Iroquois Co., to Continental Bridge Co., 460 Monadnock Bldg., Chicago, $15,299. Grand total $177,382. Noted July 5 and Sept. 20.

Iowa — State Hy. Comn., Ames, bridges, Dallas Co., to Snyder & Johnson, Humboldt, $66,619 — Dickinson Co., to Wickham Bridge & Pipe Co., Council Bluffs, $14,300—Louisa Co., to H. O. Graham, Cedar Rapids, $8,436—Washington Co., to Iowa Bridge Co., Eastern Blvd. and 19th St., Des Moines, $13,450—Woodbury Co., to Metropolitan Constr. Co., Omaha, Neb., $17,182—box culvert extension Monroe Co., to E. A. Kramme Co., Des Moines, $597—11 box culverts, Plymouth Co. and 22 culverts, Woodbury Co., to C. F. Lytle Constr. Co., 504 Nebraska St., Sioux City, $6,950 and $12,000 respectively. Grand total $139,934. Noted Oct. 11.

Kan., Atchison—See "Streets and Roads."

Kan., Hoxie—See "Streets and Roads."

Kan., Smith Center—See "Streets and Roads."

Mo., Joplin—M. E. Fones, city clk., rein.-con. viaduct, Pennsylvania Ave., to M. E. Gillioz, Monett, $69,529. Est. $70,000. Noted June 7.

Texas — G. Gilchrist, state hy. engr., Austin, rein.-con., steel bridges in Blanco Co., to L. E. Sanders, 400 Kendalia Ave., San Antonio, $52,446—Jackson and Victoria Counties, to Sullivan & Davis, Granger, $26,959 — timber piling, trestle bridges Guadalupe Co., to Monarch Eng. Co., 1007 Travis Bldg., San Antonio, $29,995. Grand total $109,400.

Arizona — State Hy. Comn., Phoenix, Hassayampa Bridge on Federal Aid Project 71, to E. S. Johnson, Pasadena, Calif., $43,872; grading, 1 bridge on Phoenix-Yuma Hy., Federal Aid Project 56, to J. L. Hall, Yuma, $8,808. Noted Sept. 27 under "Streets and Roads."

California — State Hy. Comn., Sacramento, 3 rein.-con. girder bridges over Ash, Dry and Butte Creeks, Modoc Co., to J. P. Brennan, Redding, $49,605. Noted Oct. 25.

Dams

Proposed Work

Tex., Austin—City, A. R. Johnson, mgr., 168 ft. dam across Barton Creek, 3 sluice gates, 15 ft. spillway section, sidewalks. $25,000. H. R. F. Helland, consult. engr.

Railways

Proposed Work

Ontario—Canadian Pacific Ry., Windsor Sta., Montreal, Que., J. M. R. Fairbairn, ch. engr., rock ballasting between Windsor and London. $750,000.

Bids Desired

Texas—Port Isabel Transportation Co., c/o C. R. Tyrrell, pres., Pt. Isabel or Brownsville, taking bids electrifying 22 mi. Rio Grande & Point Isabel Railroad, constructing 30 mi. electric railway between Point Isabel and San Benito. $125,000. Noted Oct. 4.

Contracts Awarded

Pennsylvania—Dpt. P. Wks., Bureau of Engineering & Surveys, Phila., Frankford, Bustleton & Byberry Surface Railway on Castor Ave., in Philadelphia, to Montgomery Paving Co., Harrison Bldg., Phila., $199,918. Noted Oct. 11.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Conn., Greenwich—Town, c/o O. Tuttle, Town Hall, sketches harbor improvements. $25,000 or more. Olmsted Bros., 99 Warren St., Brookline, Mass., archts.

N. Y., New York — W. C. Ormond, 909 President St., Brooklyn 200,000 cu.yd. earth fill, at south end Castle Hill Ave., Bronx Boro.

Ill., East St. Louis—East Side Levee & Sanitary Dist., 213 Metropolitan Bldg., revising plans 2 pumping stations for levee system, one 43 x 75 ft. with four 54 in. screw pumps, other 28 x 30 ft. with two 36 in. screw pumps and auxiliary equipment. E. F. Harper, c/o owner, engr. Noted Aug. 30.

Okla., Loveland—North Fork D. D. 1, Tillman Co., Frederick, preliminary plans drainage ditch. To exceed $25,000. D. E. Powell, Frederick, engr.

Okla., Spiro—Le Flore Co., Poteau, preliminary plans drainage ditch to serve Cache Swamps, near here. To exceed $25,000. J. N. Page, Poteau, engr.

Bids Desired

Mass., Barnstable—M. F. Wilson, North Bay, Osterville, taking bids bulkhead, fill solid, dredging channel, incl. piling, timber, rip rap. $25,000 or more. Private plans.

Mississippi—Nov. 9, by Comrs. D. D. 2, Quitman, Tunica and Panola Counties, at Bank of Crenshaw Bldg., Crenshaw, and W. A. Birdsong, Clarksdale, engr., 73,000 cu.yd. excav. in ditches, and clearing 2 mi. Davil Bayou.

Ill., Urbana — Nov. 5, by Comrs. Big Slough Special D. D., at office Clerk Champaign Co., cleaning out, deepening 5 mi. main ditch and 6.75 mi. branch ditches, incl. 12,11 cu.yd. excav. Danely & Schmelzter, Champaign, engrs.

Calif., Lindsay—Nov. 9, by L. M. Barry, secy. Lindsay-Strathmore Irrigation Dist., 4,600 ft. lined canal, 5,600 ft. 40 in. continuous stave redwood pipe.

Ont., Hamilton — Nov. 15, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, repairing revetment wall. $75,000.

Ont., Ottawa — Federal Dist. Com. and Dpt. Railways & Canals, bids about Dec. 1, rein.-con. retaining walls along Rideau Canal. $250,000. A. Hay, Ottawa Electric Bldg., Sparks St., engr.

Ont., Prescott—S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, bids about Dec. 1, docks and terminal, for Dominion Govt., Ottawa. $2,500,000. K. M. Cameron, Dpt. P. Wks., Ottawa, engr. Noted June 14.

Contracts Awarded

Conn., Stamford—W. G. McCullough, c/o Fougner & Gautier, engrs., 103 Park Ave., New York, dredging, sea walls, yacht basin, etc., to Trimount Dredging Co., 10 State St., Boston, Mass. Est. $250,000. Noted Aug. 23.

Louisiana — Bd. State Engineers, New Court House, New Orleans, enlarging 65,000 cu.yd. Cypremont Levee, right bank of Atchafalaya River, St. Martin Parish, to McWilliams Dredging Co., New Orleans Bank Bldg., New Orleans, at $0.85 per cu.yd. Noted Oct. 4.

Ia., Le Mars—See "Streets and Roads" under "Proposed Work."

Tex., Natalia—At office P. A. Welty, dist. engr. and mgr. Bexar-Medina-Atascosa Counties Water Impvt. Dist. 1, Frost Natl. Bldg., San Antonio, 400,000 cu.yd. earthwork in canals, laterals, drains, ditches, levees, dams and approaches of Units 4 and 5 of irrigation and water improvement system, to Allhands & Davis, 1116 Republic Bank Bldg., Dallas, $73,203. Noted Sept. 13.

Calif., Chico — G. B. McDougal, state archt., Sacramento, furnishing, driving concrete piling for new State Teachers College Administration Building, to F. L. Hansen, 637 Minna St., San Francisco, $19,740. Est. $25,319. Noted Oct. 4.

Calif., Santa Barbara—For 125,000 cu.yd. earth embankment, rein.-con. pipe, Andree Clark Bird Refuge, to R. L. Oakley, 1401 Emerson St., Palo Alto, $28,452.

Ont., Port Dover — S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, improving harbor, to A. C. Stewart & Co., Port Dover, $130,000. Noted Sept. 20.

British Columbia—S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., dredging Barnaby Shoal, to North Western Dredging Co., Ltd., 510 Hastings St. W., $48,000. Noted Sept. 13.

Streets and Roads

Proposed Work

Mass., Boston—Dpt. P. Wks., bitulithic or sheet asphalt paving Beacon St. between Park and Charles Sts. To exceed $25,000. J. H. Sullivan, comr.

N. J., Belmar—City Council paving 7th, 8th, 9th and 10th Aves. $50,000.

N. J., Elizabeth — Bd. Pub. Wks., City Hall, preliminary plans grading, curbing, sidewalks, sheet asphalt on concrete paving North Ave. from Chilton to North Broad Sts. $100,000. T. Collins, city engr.

N. J., Hackensack — Hackensack Impvt. Comn., Municipal Bldg., preliminary plans grading, sewers, bituminous macadam paving State St., Spring Valley and Grand Aves. $25,000. F. Campbell, 167 Main St., engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., preliminary plans grading, curbing, sidewalks, 6 in. bituminous macadam paving Clarke St. $75,000. F. Campbell, city engr.

N. J., Hackensack — Hackensack Impvt. Dist., Municipal Bldg., grading, curbing, sidewalks, 6 in. bituminous macadam paving Mary and Kent Sts. $55,000. Noted Oct. 4 and 11.

N. J., Hoboken—Bd. City Comrs., City Hall, sheet asphalt on concrete paving Willow Terrace. $25,000. J. C. Whittemore, city engr.

N. J., Leonia (Ind. br. Hackensack)—Bd. Boro Council, Boro Hall, grading, rein.-con. paving Broad Ave. $50,000. C. Eckerson, 32 Dean St., Englewood, boro engr.

N. J., New Providence—Bd. Freeholders Union Co., Court House, Elizabeth, preliminary plans curbing, 8 in. rein.-con. paving South St. $25,000. J. L. Bauer, Court House, Elizabeth, co. engr. Noted July 19.

N. J., North Caldwell (mail Caldwell)—Bd. Boro Council, Boro Hall, grading, bituminous macadam paving Smull Ave. $50,000. Reilly & Reimer, 275 Bloomfield Ave., Caldwell, boro engrs.

N. J., Plainfield—Common Council curbing, sewers, widening, paving Park Ave. from 2nd to Front Sts. $750,000. A. Vars, city engr. Noted May 17.

N. J., Roselle Park (br. Elizabeth)—Bd. Freeholders Union Co., Elizabeth, preliminary plans curbing, 8 in. rein.-con. paving Lincoln Ave. $25,000. J. L. Bauer, Court House, Elizabeth, co. engr.

N. J., Summit — Bd. Freeholders Union Co., Court House, Elizabeth, preliminary plans curbing, 8 in. rein.-con. paving Springfield Ave. $25,000. J. L. Bauer, Court House, Elizabeth, co. engr.

N. J., Verona—Bd. Boro Council, Boro Hall, grading, bituminous macadam paving Park Ave. $25,000. Miller & McGiffert, 484 Bloomfield Ave., Montclair, boro engrs.

N. J., Weehawken—Bd. Town Council, Town Hall, grading, sheet asphalt on concrete paving Louisa Pl.; new concrete stairs foot of Columbia Terrace. $25,000. Engineer not selected.

Ia., Le Mars—Plymouth Co. rejected bids Oct. 8, graveling 8 mi. roads. Contract for 4,400 cu.yd. channel change, to R. C. Ward Co., Correctionville, at $0.219 per cu.yd.

Minn., Benson—Soon takes bids paving 20 blocks. $60,000-$80,000. S. A. Berg, city clk.

S. D., Gettysburg—City Council paving 15 blocks. W. Weidensee, mayor.

Montana—State Hy. Comn., Helena, bids during January and February, grading 146 mi. and graveling 112 mi. roads in Beaverhead, Broadwater, Carbon, Custer, Dawson, Fergus, Gallatin, Glacier, Golden Valley, Hill, Lake, Madison, Park, Petroleum, Pondera, Richland, Rosebud, Silver Bow, Teton, Valley and Wheatland Counties. H. C. Tilzey, Helena, div. engr.

Mont., Butte — Dpt. P. Wks., M. R. Walsh, comr., paving 30,000 sq.yd. $60,000.

Mont., Great Falls—Paving 13 blocks Impvt. Dist. 525. $53,000. M. L. Morris, city engr.

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Streets and Roads (Continued)

Missouri—State Hy. Comn., Jefferson City, 30 ft. grading 78 mi. 9 projects in Andrew, Buchanan, Clay, Dallas, Lincoln, Linn, Greene, Pettis, Saline and Wayne Counties; 18 ft. graveling 14.6 mi. 3 projects in Bates, Barry and Knox Counties. T. H. Cutler, ch. engr.

Mo., St. Joseph—Bd. P. Wks. soon takes bids 2 in. asphalt paving 8,400 sq.yd. 6th St., $15,000—6 in. concrete paving 11,400 sq.yd. 8th St., $28,000—3,631 sq.yd. Duncan St., $14,400—4,640 sq.yd. Garfield St., $11,600—concrete paving 15th St. between Sycamore and Pacific Sts., $4,300. R. Dunlap, City Hall, engr.

Mo., St. Louis—Bd. P. Serv., City Hall, grading, alternate types paving Westminster Pl., Beck, Cintra, Belt, Columbia and Pershing Aves., Agnes, Angelrodt, Davison, Graham, Penrose, Enright, McPherson and Washington Sts. W. W. Horner, City Hall, engr.

Mo., St. Louis—Bd. P. Serv., City Hall, preliminary plans grading, concrete paving 33,240 sq.yd. alleys in City Blocks 878, 1496N, 2856, 2970, 3388, 4069E, 4074, 4132, 4403A, 4408C, 4418B, 4517N, 4610N, 4710, 4770, 4781N, 4803, 4811, 5324E, 5455, 5584, 5654 and 5926. $91,425. W. W. Horner, City Hall, engr.

Ark., Pine Bluff—Soon takes bids grading, curbing, concrete paving Dist. 104. $100,000.

Ark., Siloam Springs—Grading, curbing, concrete paving 6.5 blocks Paving Dist. 6, 30 ft. W. L. Winters, Fort Smith, engr. Noted Aug. 2.

Texas—State Hy. Dpt., Austin, grading 5.626 mi. hy. Mitchell Co., $35,000—15.424 mi. Throckmorton Co. $91,365—5.041 mi. Young Co., $27,000—19.204 mi. Karnes Co., $100,000—grading, surfacing 20.005 mi. El Paso and Hudspeth Counties, $120,000, all 26 ft. wide. G. Gilchrist, state hy. engr., Austin.

Tex., Archer City—Archer Co., grading, bridging 7.837 mi. Hy. 24. $27,500. G. R. Johnston, Archer City, co. engr.

Tex., Daingerfield — Morris Co., gravel surfacing 12 mi. Hy. 12 from here to Omaha. $90,000. Address J. O. Johnson, Daingerfield, co. judge.

Tex., Del Rio—Val Verde Co., grading 6.128 mi. Hy. 3, 26 ft. $75,000. J. Stovell, Del Rio, co. engr.

Tex., Hallettsville—Surveys grading, paving. $50,000. Terrell Bartlett Engineers, Calcasieu Bldg., San Antonio, engrs. Noted Oct. 11.

Tex., Hallettsville—Lavaca Co., grading 10 mi. Hy. 109 in Moulton Road Dist. $50,000. N. H. Koether, Hallettsville, co. engr.

Tex., Lubbock—Soon takes bids alternate types paving. $225,000. R. Smith, city engr. Noted Oct. 11.

Tex., Zapata — Zapata Co., preliminary surveys and soon takes bids grading, 4 large concrete, steel bridges, concrete paving 53.6 mi. hy. 20 ft., for Federal Government, State and Zapata Co. $1,000,000. T. E. Huffman, Laredo, engr. Noted Aug. 30.

Oklahoma—State Hy. Comn., Oklahoma City, preliminary plans grading, paving 12 mi. hy. from point south of Gould to Red River, Harmon Co., 30 ft. To exceed $25,000. C. R. Mandigo, state hy. engr.

Oklahoma — State Hy. Dpt., Oklahoma City, graveling 16 mi. U. S. Road 64, Sequoyah Co. To exceed $25,000. C. R. Mandigo, Capitol, Oklahoma City, hy. engr.

Oklahoma—State Hy. Comn., Oklahoma City, grading 8 mi. State Hy. 9, Grady Co., 30 ft.; concrete paving 42,000 sq.yd. U. S. Hy. 81, Grant Co. Each exceeds $25,000. C. R. Mandigo, state hy. engr.

Oklahoma — State Hy. Dpt., Oklahoma City, grading 10 mi. U. S. Hy. 81, Canadian Co., 30 ft. To exceed $25,000. C. R. Mandigo, hy. engr.

Okla., Allen — Grading, concrete paving 15,000 sq.yd. Bway. To exceed $25,000. C. Coon, 1301 West 21st St., Oklahoma City, engr.

Okla., Fairview — Grading, paving 5 blocks North 3rd St. To exceed $25,000. O. T. Carwin, city clk.

Okla., Hooker — Grading, paving 12 blocks, 26-60 ft. To exceed $25,000. F. E. Devlin, Wichita, Kan., engr.

Okla., Mangum—Greer Co., preliminary plans improving 11 mi. Rd. 6, south of here, 30 ft. To exceed $25,000.

Okla., Tulsa—Grading, paving 11 blocks Red Fork Dist., 30-40 ft. To exceed $25,000. B. M. Hart, City Hall, engr.

Okla., Wewoka—Seminole Co., grading, paving 2 mi. Rd. 6, 30 ft. $50,000. R. Grace, Wewoka, engr.

Okla., Wewoka — Seminole Co., preliminary plans grading, paving 4 mi. road north of Cromwell. Est. exceeds $25,000. R. Grace, Wewoka, engr.

Calif., Oakland — Grading, 2 in. warrenite on 6 in. concrete paving 102,723 sq.ft. Foothill Blvd. G. N. Randle, city engr.

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Calif., San Diego — Common Council, grading, concrete curbing, ornamental lighting system, 6 in. concrete paving 125,874 sq.ft. San Gorgonio St.

Bids Desired

New York—Nov. 16, at office F. L. Merritt, clk. Bd. Supervs. Westchester Co., Court House, White Plains, grading Bronx Parkway Connection at Kensico Dam as County Rd. 68, and 2 stone faced bridges, at North Castle. C. MacDonald, co. engr.; adv. E. N.-R. Nov. 1.

N. Y., Brooklyn—Nov. 8, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, sheet asphalt on concrete paving 11th Ave., 71st and East 40th Sts.

N. Y., Buffalo—Nov. 6, by G. Fisk, comr. Pub. Wks., Municipal Bldg., sheet asphalt repaving Elm St. from Swan to Clinton Sts., Elm St. from Clinton to Tupper Sts., Elm St. from Tupper to High Sts., Elm St. from High to Best Sts.; paving Pontiac St. C. E. P. Babcock, Municipal Bldg., city engr. Noted Oct. 25.

N. Y., New York—Nov. 8, by J. Miller, pres. Manhattan Boro, Municipal Bldg., sheet asphalt on concrete paving West 99th and 121st Sts.

N. Y., New York—Nov. 9, by H. Bruckner, pres. Bronx Boro, grading, sidewalks on Arnow Pl., Bronx Blvd., Hobart, Allerton and Murdock Aves.

Md., Baltimore—Nov. 7, by Bd. Awards, sheet asphalt paving 9,700 sq.yd. Contr. 490; grading 22,000 cu.yd. Contr. 491. N. L. Smith, hys. engr.

Virginia—Nov. 13, by State Hy. Comn., Richmond, grading 0.66 mi. to Robertson River and 0.89 mi. to Hughes River, Madison Co. $50,000.

Alabama—Nov. 14, by State Hy. Comn., Montgomery (**F.A.P. means Federal Aid Project**), grading, sand clay surfacing 11 mi. F.A.P. 6 and 36 and 12 mi. F.A.P. 128 Covington Co.—10 mi. F.A.P. 89, Geneva Co.—12 mi. F. A. P. 45, Dale Co. and F.A.P. 114, Barbour Co. W. Finnell, hy. dir.

Ala., Birmingham — Nov. 27, by City Comn., 2 in. asphalt on 6 in. concrete paving 2 blocks 4th Ave. S., $15,570—7 blocks 8th Court S. and 53rd St., $33,250—200 ft. 52nd St., $1,650 — 2 blocks 9th Court N., $5,550—6 in. concrete paving 1 block 5th Alley N., $2,150. A. J. Hawkins, city engr.

Miss., Europa — Nov. 6, by T. G. Abernethy, mayor and Bd. Aldermen, grading, curbing, sewers, paving 22,200 sq.yd. M. L. Culley, 205 Lampton Bldg., Jackson, engr.

Miss., Holly Spring—Nov. 7, by Comrs. Marshall Co., grading 48,723 cu.yd. Corith-Memphis Rd. Noted Oct. 11.

Miss., McComb—Nov. 10, by Bd. Selectmen, grading, brick, concrete, vibrolithic, asphalt or warrenite paving 25,000 sq.yd. Virginia, Argyle, Edgar, 5th, Louisiana and Maryland Sts. H. A. Mentz, City Natl. Bank Bldg., Hammond, La., engrs.

La., New Orleans—Dec. 4, by City Council, grading, paving 2,900 ft. Apricot and Apple Sts. $50,000. A. Vallas, city engr.

Miss., Raleigh — Nov. 6, by Supervs. Smith Co., Chancery Clerks Office, grading 109,462 cu.yd. Federal Aid Project 203-A, Forest-Raleigh Rd. G. A. Draper, Jackson, state hy. engr.

Louisiana—Nov. 22, by State Hy. Comn., Baton Rouge, grading, hardsurfacing 17.862 mi. Dixie-Overland Hy., 20 ft., Bossier Parish.

La., Natchitoches — Nov. 8, by O. F. Himel, secy.-treas., grading, curbing, concrete paving 9,647 sq.yd. West 8th, 9th, Touline, Amulet and Bossier Sts. C. D. Evans Levy Bldg., Shreveport, engr.

O., Akron—F. E. Swineford, dir. P. Serv., bids about Jan. 1, stone and granite curbing, vitr. brick on 6 in. concrete paving Elma St. and Frances Ave., $55,000; 22,060 sq.yd. Castle Blvd. et al, $170,000. E. A. Kemmler, Municipal Bldg., engr.

Ind., Crown Point—Nov. 12, by Comrs. Lake Co., concrete paving H. B. Snyder Rd. 2, Calumet Twp. $123,500. W. E. Whitaker, Crown Point, aud.

Ind., Goshen—Nov. 12, by Comrs. Elkhart Co., concrete paving 8,193 ft. Unit Rd. R-4, Concord Twp. $40,965. M. E. Croop, Goshen, aud.

Michigan—Nov. 15, by R. W. Roberts, resident engr., Saginaw, grading 3.361 mi. MO18-4, C-2, 26 ft., and one course graveling 1.799 mi. MO18-5, C-1, 18 ft., Clare Co., for State Hy. Dpt., Lansing.

Ill., Chicago—Nov. 8, by City at office Bd. Local Impvts., City Hall, grading, curbing, guttering, sewers, asphalt on 6 in. concrete paving Iowa St., Hilldale, and South Springfield Aves.—grading, curbing, guttering, sewers, asphalt on 8 in. concrete paving East 115th St.—grading, curbing, guttering, sewers, 8 and 10 in. concrete paving West 120th, East North Water, East 88th, 89th, 90th, and 91st Sts., Monticello, Luella, Crandon, Oglesby, Phillips and Anthony Aves. M. J. Faherty, pres.

Ia., Decorah—Nov. 14, at office Auditor Winneshiek Co., grading 4 mi. Conover-Spillville Rd. F. Arneson, Decorah, engr.

Kan., Goodland—Nov. 13, by Clerk Sherman Co., sand clay surfacing 15 mi. State Project 654, on Rd. K 27, 30 ft. C. N. Constable, Court House, engr.

Kan., Phillipsburg — Nov. 15, by Clerk Phillip Co., grading, bridging 9.244 mi. Kansas Project 717, 30 ft.

Texas—Nov. 19, by G. Gilchrist, state hy. engr., Austin, grading, bridging 19.236 mi. Hy. 24, Knox Co., $54,000, H. S. Kerr, Benjamin, resident engr.; 15.059 mi. Mitchell Co., $72,000, W. J. Van London, Colorado, resident engr.

Tex., Edinburg — Nov. 19 (extended date), by Hidalgo Co. Rd. Dist. 4, c/o A. W. Cameron, judge, paving 20 mi. roads. $450,000. P. S. Devine, Edinburg, co. engr.

Tex., Miles—Taking bids 7 in. rein.-con. paving 14 blocks Robinson and 10th Sts. $40,000. Address Mayor.

Tex., Rockdale — Nov. 8, by City, concrete curbing 56,000 lin.ft. alternate types paving 118,000 sq.yd. $300,000. Address Mayor.

Okla., Chickasha—Nov. 8, by C. R. Chinchall, city clk., grading, concrete paving 13,000 sq.yd. Dist. 37. To exceed $25,000. R. O. Bradley, Chickasha, engr.

Colorado—Nov. 5, by State Hy. Dpt., Denver, gravel surfacing 4,750 cu.yd. F. A. 134-B, Kit Carson Co.—6,730 cu.yd. F. A. 149, Constr. Div. 1, Elbert Co.—62 ft. log bridge, 0.189 mi. gravel approaches, S. P. 726 (1928), Gunnison Co. L. D. Blauvelt, State Office Bldg., Denver, engr.

California—Nov. 14, by State Hy. Comn., Sacramento, grading, concrete paving 3.3 mi. road between Arroyo Grande and Pismo, San Luis Obispo Co.—1.8 mi. road between Herndon and Tharsa, Fresno and Madera Counties — grading, bituminous macadam paving 3.0 mi. road between San Rafael and San Quentin, Marin Co.—grading, oil treated crushed gravel or stone surfacing 20.8 mi. road between Yermo and Dunn, San Bernardino Co. C. H. Purcell, P. Wks. Bldg., Sacramento, engr.

Calif., Ventura — See "Contracts Awarded"

Calif., San Diego—Nov. 13, by Common Council, grading, curbing, concrete sidewalks, 6 in. concrete paving 106,169 sq.ft. Coast Blvd. A. H. Wright, city clk. Noted Oct. 18.

Calif., Yuba City—Nov. 17, by Supervs. Sutter Co., grading, culverts, crushed rock surfacing 5 mi. Yuba City-Woodland Cutoff between Sutter By-Pass and Robbins, $25,000; grading, 8 in. asphaltic concrete paving 6½ mi. River R. near Tudor, $40,000. W. Shearer, Yuba City, co. engr. Noted Oct. 25.

Bids Received

Pennsylvania—State Hy. Comn., Harrisburg, Oct. 23 and 24, (**R. means Route, and A. Application**), grading 8,758 ft. R. 617, Dauphin Co., from H. A. Kline, 2646 Boas St., Penbrook, $18,706—2,564 ft. R. 82, Erie Co., from F. E. Winter, 909 Cascade St., Erie, $33,870—28,367 ft. A. 274, Indiana Co., from Milarr & Billock, 120 Pike St., Youngstown, O. $100,835—41,475 ft. R. 38, Sect. 3, Fulton Co., from F. D. Kessler, 405 Front St., Northumberland, $211,207—bituminous treated macadam paving 6,529 ft. R. 220, A. 5550, Pike Co., from Burgess Bros. & Henry, Fork Union, Va., $65,787—17,313 ft. R. 608, A. 5579, Lancaster Co., from Thomas, Bennett & Hunter, Westminster, Md., $97,954—2,981 ft. A. 5716, Bucks Co., from L. W. Merriman, Ebensburg, $14,388—24,089 ft. A. 5559, Wayne Co., from Bryant & Kohl, Inc., 19 Perry Lane, Wilkes-Barre, $149,868—6,768 ft. A. 5823, Lancaster Co., from Fulton Constr. Co., 245 West Walnut St., Lancaster, $29,735—one course rein.-con. paving 20,988 ft. R. 441, York Co., from Sherman & Rhodes, Millersburg, $199,946—9,931 ft. As. 5561 to 5564 (inclusive), Westmoreland Co., from Windber Constr. Co., Inc., Windber, $143,262—10,283 ft. R. 288, Sect. 7, Fayette Co., from P. DeRienzo, Fayette City, $96,966—3,736 ft. A. 5738, Blair Co., from L. R. Mathieu, 1824 Union Ave., Altoona, $39,036—20,906 ft. R. 545, Sects. 3 and 4, As. 5026 and 4984, Washington Co., from Coss & Otto, Wheeling, W. Va., $246,086—11,458 ft. A. 5754, Bradford Co., from Smouse & Kreamer, Galeton, $95,357—16,807 ft. R. 104, A. 5573, Potter Co., from David Schoentag, Inc., Saugerties, N. Y., $58,957—10,428 ft. R. 234, Sect. 5, Clearfield Co., from D. Bailey, Morrisdale, $102,628—6,000 ft. A. 5434, Bradford Co., from R. D. Richardson Constr. Co., 828 Connell Bldg., Scranton, $46,794—5,338 ft. A. 331, Indiana Co., from W. B. H. Williams, Patton, $38,389—24,535 ft. A. 301,

Streets and Roads (Continued)

Indiana Co., from Russell Bros., 3835 Wicklife Blvd., Youngstown, O., $296,880—21,259 ft. R. 256, Sects. 3 and 4, As. 5385 and 5387, Greene Co., from Tri-State Eng. Co., Liberty Trust Bldg., Cumberland, Md., $108,464—3,277 ft. R. 14, A. 5613, Susquehanna Co., from R. T. Paine, 469 North 6th St., Lebanon, $109,022—6,475 ft. A. 354, Westmoreland Co., from Adam Eidemiller, New Alexandria, $62,535—53,576 ft. R. 246, Lawrence and Mercer Counties, from Holmes Constr. Co., Wooster, O., $379,105—12,834 ft. R. 242, Sect. 4, Washington Co., from Allison-Harris Constr. Co., East Liverpool, O., $132,853—24,325 ft. R. 52-N, Sects. 2, 3 Spur and connection, Somerset Co., from James & Nicholson Co., 833 Wood St., Johnston, $252,793. Noted Oct. 4.

Contracts Awarded

Maine — State Hy. Comn., Augusta, graveling 2.27 mi. hy. in Bethel and 3.59 mi. New Sharon, to W. H. Hinman, Inc., Medway, Mass., $31,820 and $69,124 respectively—1.65 mi. Phillips, to R. M. Davis, Oldtown, $34,642—0.75 mi. Island Falls, to Sawyer & Carlisle, Ellsworth, $14,232. Grand total $149,818. Noted Sept. 27.

Mass., Boston—Dpt. P. Wks., sheet asphalt paving Parklawn Rd., Ward 20, to C. M. Callahan, 23 South Fairview St., Roslindale, Est. $25,000. Noted Sept. 20.

Connecticut—J. A. MacDonald, hy. comr., Hartford, rein.-con. paving 5,625 lin.ft. hy. in Westport, to Bridgeport Constr. Co., 35 Milne St., Bridgeport. Est. $60,000. Noted Oct. 11.

New York—A. W. Brandt, comr. Hys., Albany **(e. e. means engineers estimate)** to I. O. Cole, Rochester, bituminous macadam paving 0.67 mi. Cayuga Co., $25,500 e. e. $35,758—to G. D'Angelo, Binghamton, 0.74 mi. Broome Co., $39,218 e.e. $49,387, concrete paving 1.26 mi. Broome Co. $64,-753 e. e. $86,726—to Canty, O'Neil & Candell, 207 Woodward Ave., Buffalo, 1.19 mi. Erie Co. $64,476 e. e. $86,481—to F. Valerio, Stamford, Conn., 14.19 mi. St. Lawrence Co., $699,212 e. e. $946,184—to New Haven Road Constr. Co., 70 College St., New Haven, 3.11 mi. Dutchess Co., $158,681 e. e. $299,851—to Lane Constr. Corp., 37 Colony St., Meriden, Conn., 1.73 mi. Rensselaer Co., $128,742 e. e. $178,034—to Connor Bros., Long Beach Blvd., Long Beach, 5.37 mi. $474,591 e. e. $682,289; 0.49 mi. $53,-461 e. e. $78,174; 2.17 mi. $106,152 e. e. $160,583, all Nassau Co.—to J. Arborio, 59 Center St., New Haven, Conn., 1.62 mi. Ulster Co., $72,761 e. e. $103,785—to J. H. McAllister, Deposit, 6.35 mi. Schenectady Co., $382,860 e. e. $589,241—to R. W. S. Corp., Halesite, 0.57 mi. Nassau Co. $33,517 e. e. $50,922—to Heling Contg. Corp., Lindenhurst, concrete bituminous macadam paving 2.28 mi. Nassau Co., $150,502 e. e. $208,129. Grand total $2,454,426. Noted Oct. 11 and 18.

New York—Nassau Co., Mineola, rein.-con. paving Woodfield Rd. (Brooklyn Ave.), to A. Weston, Inc., Woodmere, $110,665—Roslyn-West Shore Dr., to Crampton Bros., East Shore Rd., Great Neck, $22,979—installing drainage through East Ave. and Archer St., to existing culvert at Freeport, to C. H. Parks, Inwood, $5,524. Grand total $139,168.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to J. V. Turecamo, foot Bay 32nd St., grading Bay 7th St. $4,049; Bay 8th St. $4,958; West 6th St. $4,459; West 13th St. $5,293—to D. J. McCoy Asphalt Co., Avenue U and East 57th St., sheet asphalt paving Bay 7th St., $5,871; Bay 8th St. $5,923; Elton St. $20,-954—to B. Turecamo, New Cropsey Lane, East 3rd St. $9,887; Parrott Pl. $9,998; 20th Ave. $2,658—to M. J. O'Hara, 1228 Park Ave., New York, Narrows Ave., $4,883; Westbury Court $3,669; 17th Ave. $4,551. Grand total $87,153. Noted Oct. 11.

N. Y., Brooklyn—Park Dpt., W. R. Herrick, pres. Park Bd., Arsenal Bldg., Central Park, New York, grading Shore Rd. Embankment, to Connors Bros., 929 Albany Ave., $12,000. Noted Oct. 4.

N. Y., Buffalo—Bd. Supervs. Erie Co., County Hall, rein.-con. paving 3.96 mi. Southwestern Blvd., Part 5, to Peoples Paving Co., 1117 Kennington Ave., $159,990. Noted Sept. 20.

N. Y., New York—Park Bd., W. R. Herrick, pres. Arsenal Bldg., Central Park, asphalt paving Riverside Park between 72nd and 129th Sts., to Valatia Constr. Co., 15 East 40th St., $33,093. Noted Oct. 11.

N. Y., Valhalla—Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading, paving Bronx Parkway extension, to Smith Bros. Contg. Inc., 5th Ave., Pelham, $66,432. Noted Sept. 20.

N. J., Fort Lee—Bd. Boro Council, Boro Hall, grading, 8 in. rein.-con. paving Brindle Way, to Echo Contg. Co., 485 Main St., $28,630—Virginia Ave., to J. J. McGarry, Gorge Rd., Edgewater, $37,407 — Buckingham Rd., to F. Cavalieri, 2050 Hoyt Ave., $22,600—Crescent Way, to R. C. Pagluighi, Fort Lee, $23,573. Grand total $112,210. Noted July 5.

N. J., Little Ferry—Boro Council, concrete paving Mehrhof Rd. also Heuer and Charles Sts., to C. J. Job, 34 Union Ave., $53,542 and $26,790 respectively.

N. J., Long Branch—Bd. City Comrs., City Hall, paving Cedar Ave., to C. H. Earle, Med. and Delaware Aves., Atlantic City, $62,569. Noted Sept. 27.

N. J., Lyndhurst (br. Rutherford)—Bd. Town Comrs., Town Hall, grading, sewer concrete sidewalks on Kearny St., to J. Domenquez, 16 West Lane, Lodi, $16,428; sewers in Forest and Fern Aves., to A. Weyersberg, 634 Valley Brook Ave., $7,820.

N. J., South Orange—Bd. Village Trustees, Village Hall, paving Turrell Ave., to Hastings Pavement Co., 25 Broad St., New York, $33,672. Noted Oct. 4.

N. J., South Orange — Bd. Village Trustees, Village Hall, paving Underhill Rd., to P. Magliaro, 32 Church St., $29,-598; Laurel Pl., to Magliaro & Mercadante, 310 Valley Rd., $10,185; Holland Ave. and Overhill Rd., to G. Lopre, Amherst St., $15,320. Grand total $55,103. Noted Oct. 4.

Pa., Pittsburgh—Grading, curbing, paving, Oneida and St. Paul Sts., to M. O'Herron Co., South 1st and McKean Sts. $33,358. Est. $40,000.

Md., Baltimore — Bd. Awards, concrete paving 10,200 sq.yd. Contr. 489, to Mahoney Bros., 1111 Rutland Ave., $22,870.

W. Va., Summerville—Nicholas Co., grading 6.725 mi. Duffys Branch-Hickman School Rd., to McComas & Bostic, Huntington, $121,612. Noted Oct. 4.

N. C., Thomasville — Grading, concrete curbing, sidewalks, water and sewer lines, concrete paving 7,100 yd., to Gray Concrete Co., Thomasville, $26,763.

Fla., Miami—City, paving P. V. 96 and 105, to Belcher Asphalt Paving Co., 1217 North Bay Shore Dr., $8,481; P. V. 104 and 106, to Morgan Hill Paving Co., Seybold Bldg., $27,420.

Ala., Birmingham — City Comrs., to Newell Constr. Co., Martin Bldg., cement sidewalks, concrete curbing, guttering, 2 in. asphalt on 6 in. concrete paving 4 blocks 33rd Ave., $22,045; 2 in. asphalt on 6 in. concrete paving 1 block McMillan Ave., $3,861; 1 block 3rd Ave. S., $3,728; 1 block 4th Ave. S., $2,224; 1 block 57th St. $2,717—to Walter J. Bryson Paving Co., American-Traders Bldg., 3 blocks 2nd Pl. S., 10th and 16th Aves., $12,540; 4 blocks Terrace M, Ensley, $13,544; 4 blocks Court M, $15,100; 2 blocks Ave. P, Ensley, and Bay Ave. $6,643; 2 blocks Ave. T, Ensley, $7,874; 4 blocks 9th St. W., and Finley Ave., $14,089; grading, chert surfacing 1 block 8th Ave. S. $2,164—to Sullivan, Long & Haggarty, American-Traders Bldg., grading 2 blocks 4th Ave. S. and 86th St. $1,367—to Reliance Concrete Co., Martin Bldg., 4 in. concrete resurfacing 5 blocks 3rd Ave. and north side of 1st Ave. $3,076—to Morgan-Hill Paving Co., Woodward Bldg., 2 in. asphalt on 6 in. concrete paving 4 blocks Ave. M, Ensley, $14,688; 1 block 22nd St., Ensley, $3,893; 400 ft. 25th and 24th Sts., Ensley, $4,080—cement sidewalks, concrete curbing, guttering, 2 in. asphalt on 6 in. concrete paving 2 blocks Ave. O, Ensley, $8,192—to Independent Paving Co., 3828 1st Ave. S., 2 blocks 4th Ave. S., $9,683; 2 in. asphalt on 6 in. concrete paving 2 blocks 21st St., Ensley, $8,890; 2 in. asphalt on 5 in. concrete paving 1 block 43rd Ave. $2,707—to Fromhold Bros., American-Traders Bldg., 1 block 5th Alley N., $1,333; 2 in. asphalt on 6 in. concrete paving 2 blocks Pulaski St., $8,689—to John Hamm Constr. Co., Lincoln Life Bldg., 1 block 8th Court W., $2,065—to Christie-Hutchison & Burton, American-Traders Bldg., 16th St., $396—to Dunn Constr. Co., Lincoln Life Bldg., 2 blocks 5th St., $7,618—to Southern Roads Co., Pioneer Bldg., 4 blocks 53rd St., $11,381—to J. J. Goddard, 436 Powell Ave., Montevallo Blvd., $1,380—to H. N. Bowdry, Alabama Power Co. Bldg., 1 block 13th Pl., $5,409; cement sidewalks, concrete curbing, guttering, 2 in. asphalt on 6 in. concrete paving 1 block 15th Pl. S. W., $5,831—to Sinclair Transfer Co., 423 17th St., 6 in. concrete paving 1 block 7th Alley W., $1,163. Grand total $208,370. Noted Oct. 18.

Miss., Starkville—State Building Comn., Bd. Supervs. Oktibbeha Co., and State Hy. Comn., at Chancery Clerks Office, concrete paving 29,286 sq.yd. A. & M. College Campus, to Hartman-Clark Bros. Co., Peoria, Ill., $53,409. Noted Oct. 4.

Miss., Columbia—Marion Co., grading, graveling, culverts, bridges on 9.801 mi. Federal Aid Project 202-A, to W. M. Junkin, Natchez, $101,000. Noted Sept. 27.

O., Cincinnati—Recut granite block repaving 33,500 sq.yd. Vine St., to A. J. Henkel, Bell Blk., $143,731. Est. $165,461.

O., Cincinnati—Hamilton Co., grading, tar bound macadam paving 12,600 sq.yd. Elstun Rd. to Byrnes & Conway Co., 212 Hazen Bldg, $63,863. Est. $78,624. Noted Sept. 20.

O., Cleveland—Cuyahoga Co., vitr. brick on 9 in. concrete paving 27,260 sq.yd. Sect. B, Babbitt Rd., and 3 in. vitr. brick on 9 in. concrete paving 16,560 sq.yd. Sect. A, same road, to F. B. Stein, Inc., Babbitt Rd., Euclid, $136,709 and $81,647 respectively.

O., Dover (br. Cleveland)—Concrete paving 6 streets, to Speedway Constr. Co., 3441 Lee Rd., Cleveland, $69,000.

Illinois—State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, paving Du Page Co., to Breedon Bros. Constr. Co., Springfield $32,477—Cook Co., to Chicago Heights Coal Co., 27 East 19th Pl., Chicago Heights, $353,683—Monroe Co., to W. C. Johnson, Belleville, $11,191—Vermilion Co., to R. McCalman, Inc., Danville, $22,554—La Salle Co., to Harrison Eng. & Constr. Corp., Mutual Bldg., Kansas City, Mo., $3,883 — grading Hamilton and Jefferson Counties, to Cameron Joyce Steam Shovel Co., Keokuk, $70,025. Grand total $493,813. Noted July 5 and Sept. 20.

Ill., Edwardsville—Madison Co., grading, concrete slab paving 2.25 mi. Route 1-B, Sect. 50-15d, to H. A. Kribbs, Edwardsville, $47,948, county furnishes Portland cement; 2 bridges, to Varney & Conners, Jerseyville, $2,891. Noted Oct. 4.

Wis., Milwaukee — Dpt. P. Wks., R. E. Stoelting, comr., to Bleck Constr. Co., 2123 Vliet St., grading, paving alley between 11th and 12th Sts. $1,637—to Schwerm Bros., 50 Meinecke Ave., alley between 6th and 7th Aves. $534, alley between Buffum and Holton Sts. $2,534, alley between Humboldt and Dousmann Sts. $1,109 alley between 20th and 21st Sts. $3,809, 35th St. Ave. $4,221, 1st St. $714, 62nd St. $9,240, 66th St. $6,816—to J. C. Bluhm & Son, 1299 Achilles Ave., alley between Bremen and Fratney Sts. $1,602, 27th St. $2,331—to A. J. Koch, 1297 Cramer St., 74th St. $11,608—to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave., Clinton St. $6,594. Grand total $52,749.

Wis., North Milwaukee—Town Bd., concrete paving 36,633 sq.yd. Creswood Subdivision, to A. E. Retzlaff, 868 Island Ave., Milwaukee, at $1.78 per sq.yd. Est. $70,000.

Iowa — State Hy. Comn., Ames, to W. Horrabin Contg. Co., Iowa City, paving 0.84 mi. Washington Co. $33,881—to Natl. Constr. Co., Omaha, Neb., 4.927 mi. Appanoose Co. $112,820; 11.823 mi. Wayne Co. $275,563; grading 9.048 mi. Keokuk Co., $55,667—to Jones & Hiestan, Lancaster, Wis., graveling 10 mi. Allamakee Co., $13,-140—to C. R. Thompson, Shell Rock, Ia., 8.25 mi. Bremer Co., $16,540—to H. Pickus Constr. Co., Sioux City, 10.02 mi. Bremer Co., $15,664—to Harvey Sand & Gravel Co., Harvey, 1.34 mi. Monroe Co., $3,200—to H. R. Maudlin, Nevada, 4.4 mi. Wright Co., $4,146—to McDougall Constr. Co., Sioux City, 12.6 mi. Jasper Co., $36,984; crushed stone surfacing 3.32 mi. Tama Co., $8,608—to F. T. Patik, Cedar Rapids, grading Jackson Co., $1,762—to G. W. Condon Co., 415 Farnum St., 2.909 mi. Plymouth Co., $8,726; 6.027 mi. Woodbury Co., $22,341—to Swanson Constr. Co., Keokuk, 1.11 mi. Van Buren Co., $17,133—to M. O. Weaver, Iowa Falls, crushed limestone paving 8.4 mi. Jackson Co., $21,528—to G. Henry, Hedrick, 9,442 ft. 6 in. tile drain and 6 type A intakes, Keokuk Co., $1,317. Grand total $649,020. Noted Oct. 11.

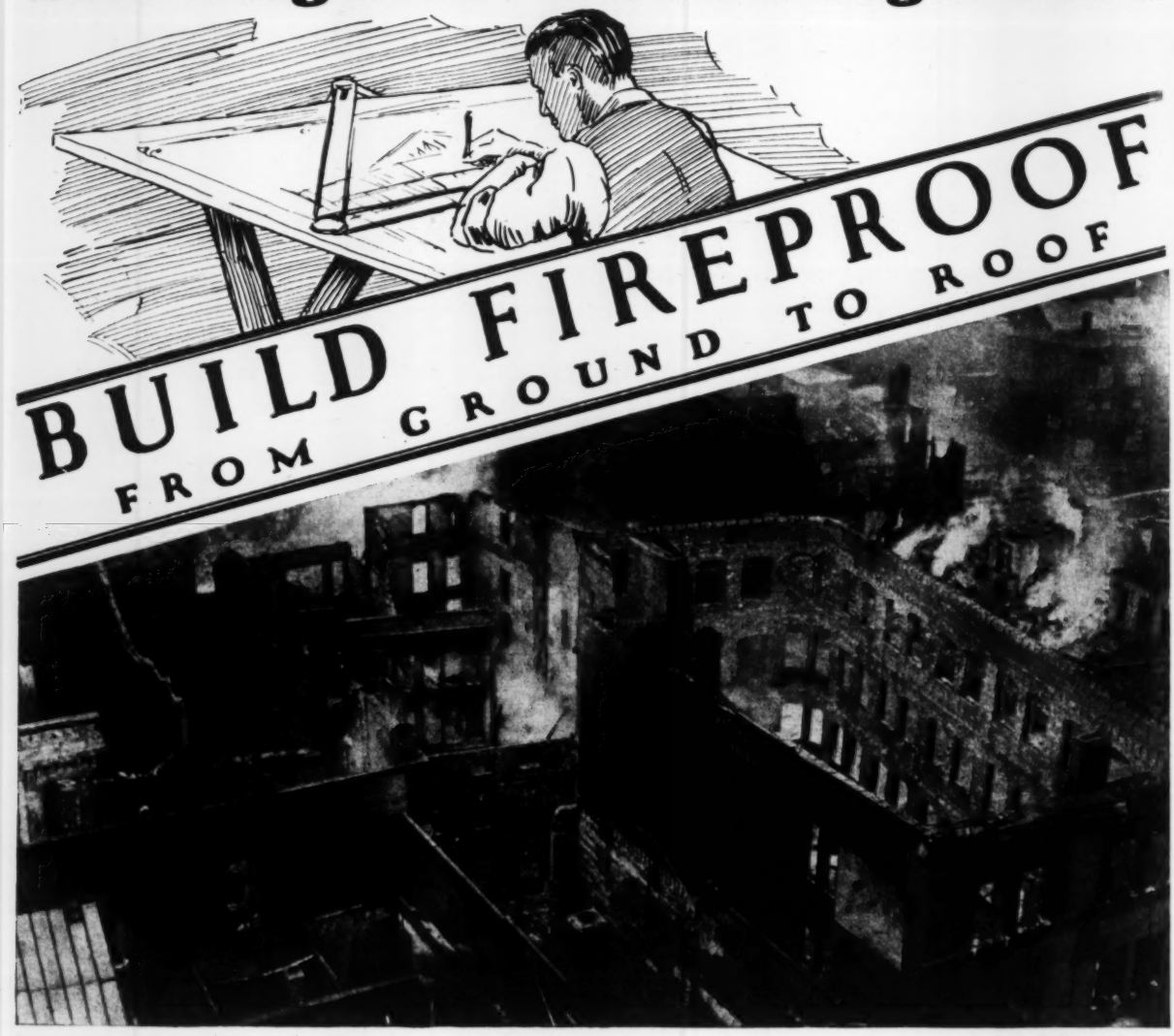
Iowa—State Hy. Comn., Ames, grading, drains, paving 115,367 sq.yd. roads in Dubuque Co., to S. J. Groves & Sons Co., 306 Globe Bldg., Minneapolis, Minn.—162,-362 sq.yd. Fayette Co., to Harrison Eng. & Constr. Co., Mutual Bldg., Kansas City, Mo. —15,033 sq.yd. Van Buren Co., to Rock Island Cement Co., Rock Island, Ill.—9,555 sq.yd. Washington Co., to McCarthy Impvt. Co., Kahl Bldg., Davenport—108,-624 sq.yd. Chickasaw Co., to Booth & Olson, Inc., Exch. Bldg., Sioux City—139,862 sq. yd. Muscatine Co., to Central Eng. Co., Sioux City—56,953 sq.yd. Wapello Co., to Wright Constr. Co., 1325 Main St., Des Moines—graveling 10 mi. Clayton Co., and 8.3 mi. Delaware Co., to M. O. Weaver, Iowa Falls—1.86 mi. Keokuk Co., to McDougall Constr. Co., Sioux City—31.14 mi. Linn Co., to Moore & Eldridge, Clemons—14.1 mi. Marion Co., to Harvey Sand & Gravel Co., Harvey—7 mi. O'Brien Co., to Hartsell & Evans, Early—7.18 mi. Tama Co., to C. R. Thompson, Shell Rock, Standard Gravel Co., Des Moines, and McDougall Constr. Co., Sioux City—grading 0.947 mi. Iowa Co., and 0.991 mi. Pottawattamie Co., to G. W. Condon Co., 415 Farnum St., Omaha, Neb. Noted Sept. 13 and 27.

Constr. News page 237

Protection from Fire Hazard

Should begin at

The Engineer's Drawing Board



Common Brick affords better Fire Protection

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Engineers need only recall the recent Fall River disaster for convincing evidence of the durability and fire resistiveness of brick. Those who think in terms of durable, permanent structures, specify common brick.

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2121 Guarantee Title Bldg. Cleveland, Ohio

Streets and Roads (Continued)

Ia., Corydon—Wayne Co., grading, 6 in. concrete paving 75,073 sq.yd. Paving Project F-91, to Natl. Constr. Co., 1315 South 20th St., Omaha, Neb., $169,864.

Ia., Newton—Jasper Co. graveling 13,800 cu.yd. Project 99, to McDougall Constr. Co., Sioux City, $36,984.

Ia., Primghar—O'Brien Co., to Hartsell & Evans, Early, improving roads, 9,760 cu.yd. gravel 1 mi. haul at $0.22 and 28 per cu.yd., 39,005 units ½ mi. haul $0.059 and 80,065, 1,000 cu.yd. stripping $0.15. Noted Oct. 11.

Kan., Atchison — Atchison Co., grading, culverts 1.986 mi. Project 4-31-K 693-A, to J. J. Lamoreaux, 3848 Seward St., Omaha, Neb., $18,899; 2 bridges, to Loomis Constr. Co., St. Joseph, Mo., $13,714.

Kan., Garnett—J. G. Simmons, clk. Anderson Co., grading, culverts on Federal Aid Project 304-D, to Frye Bros. Constr. Co., Iola, $33,509. Noted Oct. 4.

Kan., Hoxie—Sheridan Co., grading, culverts also 2 bridges on 2.975 mi. Project 40N-8-FA 318-C, to Meade-Hardman, Alton, $29,717 and $15,336.

Kan., Independence — Montgomery Co., grading, concrete paving 13,567 sq.yd. Sect. E, and 11,817 sq.yd. Sect. F, Federal Aid Project 199, to A. G. Sherwood, Independence, $29,229 and $25,442 respectively. Noted Oct. 4.

Kan., Smith Center—Smith Co., grading, culverts 5.061 Federal Aid Projects 364-C and D, to A. L. Cook, Ottawa, $28,247; 4 bridges, to Kelly & Johnson, Talmo, $16,289. Noted Aug. 30.

Kan., Winfield — Cowley Co. grading 3.879 mi. Federal Aid Project 230-F, to J. H. Hamilton, Bartlesville, Okla., $34,171. Noted Oct. 11.

Neb., Alliance—Grading, sewers, watermains, asphaltic concrete paving 22,500 sq.yd. Paving Dst. 8, to Roberts Constr. Co., 404-5 1st Natl. Bank Bldg., Lncoln, $71,541.

Mo., Jackson—Grading, concrete paving 11 blocks 3 streets, to Service Constr. Co., Cape Girardeau, $42,000. Noted Sept. 20.

Mo., University (br. St. Louis)—Grading, 6 and 7 in. concrete paving 5,166 sq.yd. 4 alleys, to Fehlig-Ferrenbach, 3500 Hickory St., St. Louis, $13,769, est. $16,389—rein.-con. paving 4,450 sq.yd. Crest Ave., to Skrainka Constr. Co., Security Bldg., St. Louis, $14,373, est. $14,400—asphalt on asphaltic concrete paving 3,120 sq.yd. Delmar Blvd., to Central Paving & Constr. Co., 411 North 7th St., St. Louis, $17,000, est. $18,800. $45,142.

Ark., Arkadelphia—Grading, 6 in. concrete paving 36,000 sq.yd. Dist. 5, to H. Brown, North Little Rock, $92,245. Est. $90,000.

Ark., Paris — Grading, curbing, concrete paving 4 mi., to G. Garmes, Rector Bldg., Little Rock.

Texas — G. Gilchrist, state hy. engr., Austin, grading 8.5 mi. Jackson Co. to H. E. Denny, 707 Taft St., Houston, $39,248—1.425 mi. Terrell Co., to L. J. Miles, Fort Worth $44,454—15.164 mi. Blanco Co. to Cage & Ruby, Bishop $92,718—9.685 mi. Comanche Co., to R. B. Sparks, 226 North Brighton St., Dallas $26,189 — 3.621 mi. Panola Co., to Lucas & Lucas, Cushing $25,695—19.005 mi. Chambers Co., to Moeller & Roberts, Hitchcock, $58,106 — 19.783 mi. Archer Co., to McClung Constr. Co., 1309 Ft. Worth Natl. Bank Bldg., Fort Worth $79,441—7.281 mi. Guadalupe Co., to House Popejoy, P. O. 463, Seymour $24,998—24 drainage structures on Hy. 9, Mason Co., to Dozier Constr. Co., Austin Natl. Bank Bldg., Austin $38,202—crushed run limestone or limestone graveling 13.89 mi. Grimes Co., to Dexter Constr. Co., Love Field St., Dallas $144,109—concrete paving 14.73 mi. Carson Co., to Maney & Alley, Oklahoma City, Okla. $227,222—asphaltic macadam paving 12.612 mi. Young Co., to C. C. Moore, Temple $161,468. Grand total $961,850. Noted Oct. 4.

Tex., Laredo—City, A. Martin, mayor, 2 in. hot mix limestone rock asphalt on 6 in concrete paving 67,000 sq.yd., to H. B Zachry, Laredo, $186,034. Est. $200,000. Noted Nov. 1.

Tex., San Angelo — For 6 in. rein.-con. paving 21,000 yd., to L. E. Whitham & Co., P. O. Box 1292, Wichita Falls, $109,980. Noted Oct. 4.

Okla., Mangum — Grading, paving 7 blocks Carolina Ave., 30 ft., to Standard Paving Co., 2119 East 11th St., Tulsa, $26,010. Est. $26,500.

Okla., Tulsa—For 7 in. concrete paving 8,166 sq.yd. Dist. 898, to Western Constr Co., Daniels Bldg., $30,093. Est. $34,000.

Colorado — State Hy. Dept., Denver, gravel surfacing 4.1 mi. LaPlata Co., to Hinsman Constr. Co., Denver, $56,344; 6 mi. Mesa Co., to Engler & Teyssier, Durango, $96,775.

Colo., Denver—Dpt. Impvt. & Parks, concrete paving Alley Paving Dist. 179, to Gordon Constr. Co., 31st and Platts Sts., $16,141; Alley Paving Dist. 178, to W. F. Pigg & Son, Commonwealth Bldg., $18,745. Noted Oct. 11.

Nevada—State Hy. Comm., Carson City, grading, crushed graveling Federal Aid Project 97-B, Esmeralda Co., to Isbell Constr. Co., Carson City, $73,681. Noted Oct. 11.

California — State Hy. Comm., Sacramento, grading, bituminous macadam paving 15.4 mi. San Luis Obispo Co., to A. Teighert & Son, 1846 37th St., Sacramento, $150,808. Noted Oct. 4.

California—Solano Co. (Fairfield), Marin Co. (San Rafael) and State Hy. Comm., Sacramento, 2 mi. connection hy. between Vallejo and Napa State Hy., in Solano and Marin Counties, 20 ft., to J. E. Johnston, Stockton, $41,134. Noted Sept. 20.

Calif., Los Angeles — Los Angeles Co., grading, 7- to 10-in. concrete paving 275,952 sq.ft. Anaheim-Telegraph Rd., to G. H. Oswald, 366 East 58th St., $72,355; improving 1st St., C. I. 752, to Gritton & Stephenson, 1102 West 4th St., Santa Ana, $32,926. Noted Oct. 25.

Calif., Redwood City—Grading, curbing, guttering, asphaltic concrete paving Adams St. and Vera Ave., to Peninsula Paving Co., Standard Oil Bldg., San Francisco, $36,118.

Calif., Santa Clara — For 3 in. quarry waste on 6 in. concrete paving Bellomy and Washington Sts., to Raisch Impvt. Co., 46 Kearny St., San Francisco, $24,800.

Calif., Ventura—Ventura Co., grading, oil macadam paving 176,000 sq.ft. Wells and Foothill Rds., day labor.

Public Bond Elections

Coming Bond Elections

Waterworks—Chicago City, Minn., Nov. 6, $20,000.
Waterworks—Long Island, Kan., Nov. 6, $25,000.
Waterworks—Prairie View, Kan., Nov. 3, $17,000.
Waterworks — Abilene, Tex., Nov. 17, $350,000.
Waterworks and Sewers — Port Neches, Tex., Nov. 17, $125,000.
Waterworks — Uvalde, Tex., Nov. 12, $75,000.
Waterworks and Sewers — Erick, Okla., Nov. 1, $125,000.
Waterworks—Gould, Okla., Oct. 30, $59,000.
Waterworks — Luther, Okla., Nov. 23, $32,000.
Pumping Equipment — Waukomis, Okla., Nov. 6, $5,000.
Sewerage System — Chicago City, Minn., Nov. 6, $30,000.
Sewers—Emporia, Kan., Nov. 6, $25,000.
Irrigation Dist.—Brown County, Tex., Dec., $2,000,000.
Irrigation—Cameron County, Tex., Water Impvt. Dist. 14, $160,000.
Roads—Bibb County, Ga., Nov. 6, $500,000.
Street Improvement, Lighting and Airports—Chicago, Ill., Nov. 6, $26,500,000.
Roads—Will County, Ill., Nov. 6, $1,750,000.
Roads—Camden, Ark., Nov. 22, $98,000.
Paving—Abilene, Tex., Nov. 17, $100,000.
Paving—Comanche, Tex., Nov. 20, $50,000.
Roads — Cook County, Tex., Nov. 17, $2,000,000.
Roads—San Patrico County, Tex., Nov. 10, $200,000.
Roads—Coronado, Calif., $80,000.
City and County Building—Detroit and Wayne County, Mich., Nov. 6, $20,000,000.
City Hall — Rochester, Minn., Dec. 11, $350,000.
Court House—Ward County, N. D., Nov. 6, $450,000.
Schools—Alhambra, Calif., $500,000.
Airport—McAlester, Okla., Dec. 4, $50,000.

Bonds Voted

Waterworks—Ulysses, Kan., $40,000.
Waterworks—Granger, Tex., $60,000.
Paving—Brownfield, Tex., $60,000.
Paving—Jackson County, Tex., $80,000.
Paving—Lavaca County, Tex., $350,000.
School—Rhea County, Tenn., $200,000.
High School — Excelsior Springs, Mo., $200,000.
Schools—St. Joseph, Mo., $2,000,000.
Administration Building, Gymnasium and Heating Plant—Davenport, Iowa, $450,000.

Bonds Defeated

Waterworks—Batavia, N. Y., $800,000.
Channel Improvement — Pendleton, B. C., $125,000.
Roads—Fisher County, Tex., $1,400,000.
Bay Front Improvement — Corpus Christi, Tex., $1,250,000 (election cancelled).

Buildings—Industrial

Proposed Work

Mass., Brockton—FACTORY—Owner, c/o W. F. Barlow, Jr., archt., 232 Main St., 3 story, 55 x 160 ft., brick addition, concrete found. $100,000.

Mass., Hudson—POWER PLANT—City, Municipal Light & Power Dpt., L. D. Wood, mgr., rein.-con., brick addition to electric power plant, new equipment. $50,000.

Mass., Springfield—SALES and SERVICE GARAGE — Cadillac LaSalle Co., M. J. Duryea, 563 State St., showroom, service garage and office building, State St. $125,000. Engineer and architect not selected.

N. Y., Brooklyn—AUTO LAUNDRY—V. D'Aramzo, 1565 Nostrand Ave., plans by Kleinert & Klie, 250 Park Ave., New York, brick, concrete, 8th Ave. and Windsor Pl. $40,000.

N. Y., Brooklyn — GAS STATION and GARAGE — E. Bender, 930 Fox St., New York, plans by C. Goodman, 375 Fulton St., 2 story, 89 x 125 ft., brick, concrete, East New York and St. Marks Aves. $40,000.

N. Y., Brooklyn—FACTORY—W. J. England, 26 Court St., plans by I. H. Lauzarone, 60 Jefferson St., two 1 story, one 95 x 120 ft. and other 82 x 95 ft. brick, Morgan Ave. and Withers St. $60,000.

N. Y., Brooklyn—FACTORY—Moskowitz & Berman, 221 Belmont Ave., plans by S. J. Fox, 66 Court St., 75 x 86 ft. factory, Van Swinderen and Newport Aves. $100,000.

N. Y., Brooklyn — FACTORY — National Lead Co., E. J. Cornish, pres., 111 Bway., New York, plans by W. Higginson, 101 Park Ave., New York, 1 story, 122 x 172 ft., brick, Marshall and Gold Sts. $225,000.

N. Y., Brooklyn—SERVICE GARAGE—L. Gilman, 1630 Carroll St., plans by F. W. Doyle, 11 John St., New York, 100 x 200 ft. service garage, Fenimore St. and New York Ave. $40,000.

N. Y., Brooklyn—SERVICE GARAGE—A. P. M. Holding Corp., L. Moss, pres., 32 Court St., plans by B. W. Dorfman, 66 Court St., 2 story, 100 x 140 ft., brick, concrete, Hoff St. $75,000.

N. Y., Brooklyn—SERVICE GARAGE—A. B. Kaplan, 26 Court St., plans by W. A. Lacerenza, 26 Court St., 4 story, basement, 56 x 126 ft., brick, concrete addition, Quentin Rd. and East 10th St. $60,000.

N. Y., Brooklyn—SERVICE GARAGE—M. Pape, 66 Court St., plans by M. Klein, 65 Court St., 100 x 189 ft., brick, concrete, Brooklyn Ave. and Rutland Rd. $65,000.

N. Y., Brooklyn—SERVICE GARAGE—S. Straus, 1012 Myrtle Ave., plans by C. Goodman, 375 Fulton St., 95 x 99 ft., brick, concrete, Meeker and Gardner Aves. $40,000.

N. Y., Cortland — SUBSTATION — See "Unclassified under New York."

N. Y., Elmhurst (Ind. sta. Flushing) — HOSIERY MILLS—Propper Silk Hosiery Mills, Inc., 200 Madison Ave., New York, plans by A. Ullrick, 371 Fulton St., Brooklyn, 2 story, rein.-con., Laurel Hill and Baxter Pl. $40,000.

N. Y., Jamaica—GARAGE and REPAIR SHOP—Cranford Coal & Land Co., L. D. Kirby, 163-18 Jamaica Ave., garage and repair shop, 93rd Ave. and 182nd Pl. $48,000.

N. Y., Long Island City — AUTO REPAIR SHOP — W. Levy, 1753 Pitkin Ave., Brooklyn, 1 story, 75 x 100 ft., brick, 22nd St. and 36th Ave. $50,000.

N. Y., Long Island City — SERVICE GARAGE—Mileage Gas Corp., 2 Park Ave., New York, 25 x 85 ft., brick, concrete, Vernon Ave. and 44th Rd. $50,000. Private plans.

N. Y., Maspeth (Ind. sta. Flushing) — FACTORY — Maspeth Liquid Carbonic Corp., Maspeth Ave., altering 1 story, 66 x 130 ft., brick, Maspeth Ave. and Rust St. $40,000. Private plans.

N. Y., New York—FACTORY—J. Cestari, 630 Sackett St., plans by Laura & Proskaner, 391 Fulton St., 2 story, 60 x 100 ft., brick, Sackett St. $40,000.

N. Y., New York—SERVICE GARAGE—Bator Realty Corp., H. E. O'Donnel, pres., 140 Nassau St., plans by W. Shary, 41 Union Sq., 2 story, 120 x 126 ft., brick, concrete, Webster Ave. and Mosholu Parkway. $60,000.

N. Y., New York—SERVICE GARAGE—H. Bernstein, 11 Trinity Pl., New Rochelle, plans by J. J. Gloster, 1440 Bway., 2 story, 99 x 100 ft., brick, concrete, Cromwell Ave. and 170th St. $55,000.

N. Y., New York—SERVICE GARAGE—Dulces Realty Corp., M. Wasserman, pres., 1825 Harrison Ave., plans by A. Pirner, 2742 Tremont Ave., 1 story, 110 x 130 ft., brick, concrete, Westchester and Appleton Aves. $100,000.

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Buildings—Industrial (Continued)

N. Y., New York—SERVICE GARAGE—Lemel Realty Corp., M. Mastel, secy. and treas., 24 Dadworth St., Brooklyn, plans by Gluck & Duma, 400 East Fordham Rd., 2 story, 90 x 108 ft., brick, concrete, 3rd Ave. and 179th St. $40,000.

N. Y., New York—SERVICE GARAGE—A. Rappold, Rockville Center, plans by W. Shary, 41 Union Sq., 2 story, 68 x 125 ft., brick, concrete, Westchester and Olmstead Aves. $40,000.

N. J., Elizabeth—FACTORY—Berman Bros., c/o W. Clifford, Jr., archt., 1177 East Grand St., sketches 2 story, basement, brick, steel, plain found., West Grand St. $40,000.

N. J., Jersey City — REPAIR SHOP — Liberty Auto Radiator Co., 3218 Hudson Blvd., sketches by Flagg & Stades, 665 Newark Ave., 2 story, basement, brick, steel, plain found., 3218 Hudson Blvd. $40,000.

N. J., Jersey City—SHOP and OFFICE—R. G. Maupai Heating Co., 73 South St., sketches 2 story, basement, brick, steel, plain found., 164-66 Central Ave. $50,000. Noted Oct. 25.

Fla., Tampa—CANNING PLANT—F. L. Judd, engr., Tampa Union Terminal Co., preparing plans 2 story, rein-con., 13th and York Sts. $100,000.

O., Cleveland—FOUNDRY—Atlas Fdry. Co., J. H. Bruce, pres., West 69th St. and Wheeling & Lake Erie R.R., plans by A. G. Simon, Hippodrome Bldg., 1 story, 30 x 90 ft., brick, steel addition. $40,000.

O., Cleveland—FACTORY—Interior Finish & Millwork Co., 9517 Meech Ave., 1 story, 30 x 100 ft., brick addition. $40,000.

O., Warren—FACTORY—Aetna Eng. & Fdry. Co. soon takes bids rebuilding brick foundry, destroyed by fire. $50,000.

O., Wooster—LAUNDRY PLANT—Mann Bros. Co. soon takes bids rebuilding 1 story, recently destroyed by fire. $40,000.

Ind., Indianapolis — FACTORY — Acme Tool & Machine Co., 924 Ft. Wayne Ave., general contract 1 story, 40 x 115 ft., brick, steel, Beville Ave. and East Washington St. Est. $43,000.

Ind., Indianapolis—SHOP—S. Johnson, 3668 Central Ave., 1 story, 65 x 135 ft., rein.-con., brick, steel, 3757 North Illinois St. $40,000. Private plans.

Mich., Detroit — FACTORY — A. Kahn, archt., 1000 Marquette Bldg., 2 and 3 story, 575 x 700 ft., rein.-con., brick, steel, plain found., to Otto Misch Co., 159 East Columbus St., for Briggs Mfg Co., 11631 Mack Ave. Noted Oct. 25.

Mich., L'Anse — HYDRO-ELECTRIC PLANT — Wisconsin-Michigan Power Co., subsidiary North American Edison Co., 60 Bway., New York, hydro-electric plant in Baraga Co. $3,000,000.

Mich., Pontiac—AUTO PLANT—Oakland Motor Car Co., Oakland Ave., plans by A. Kahn, 1000 Marquette Bldg., Detroit, 2 story, 45 x 100 ft., rein.-con., brick addition, plain found. $50,000.

Ill., Chicago — MACHINE FACTORY — General Engineering Works, 340 West Huron St., plans by Weiss & Niestadt, 53 West Jackson Blvd., factory, on 18,000 sq.ft. site, Division and Cicero Sts.

Kan., Kansas City—COLD STORAGE—Cudahy Packing Co., 1321 Jones St., Omaha, Neb., soon takes bids cold storage and freezer addition. $125,000. Private plans.

Neb., Lexington—SUGAR REFINERY—Peoples Sugar Co., N. J. Stringham, Moroni, Utah, sketches sugar refinery, rein.-con., brick. $500,000.

Mo., St. Louis—TRANSFORMER FACTORY, etc.—Wagner Electric Co., 6400 Plymouth Bldg., sketches by Condron & Post, 53 West Jackson Blvd., Chicago, Ill., 1 story, 120 x 300 ft. transformer building, 3 or 5 story, 80 x 120 ft., brick factory and office. $250,000.

Mo., Trenton — POWER and LIGHT PLANT—Burns & McDonnell, engrs., 401 Interstate Bldg., Kansas City, submitted report improving power and light plant, for City.

Texas—REFINERY PLANT—See "Unclassified."

Tex., Wichita Falls—PLANT—American Battery Products Corp., c/o C. V. Chermandy, Wichita Falls, battery plant. $60,000 or more.

Okla., Mooreland — NATURAL GAS PLANT—Cities Service Gas Co., 60 Wall St., New York, improving natural gas plant, installing gas machinery. $40,000. Private plans.

Calif., Berkeley — POWER HOUSE — Regents University California, Class "A" power house, on campus. $400,000 available. Engineer and architect not selected.

Calif., Los Angeles—PRINTING PLANT—Los Angeles Printing Building, Inc., (C. M. Church, interested, 1070 Le Claire St.), sketches by W. D. Lee, 315 East 8th St.,

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12 story, basement, on 110 x 390 ft. site, 8th and Crocker Sts. $1,500,000.

Calif., San Francisco — PUBLISHING PLANT—Pacific Gravure Co., 639 Stevenson St., 2 story, 125 x 125 ft., concrete, Minna and 4th Sts. $40,000. Engineer and architect not selected.

Que., Grand Mere — PLANT — Fairchild Aerial Surveys Co. of Canada Ltd., 201 Inspector St., Montreal, L. I. Dalton, genl. mgr., plant. $300,000.

Que., Verdun—SUB-STATION—Montreal Light Heat & Power Consolidated, 83 Craig St., Montreal, 3 story, stone, 60,000 hp. substation. $196,000.

Ont., Windsor—FACTORY—Wood Hydraulic Hoist & Body Co., P. Wood, mgr., 1025 Tecumseh Rd., 1 story, 100 x 125 ft., brick, steel addition, Tecumseh Rd. $60,000. Private plans.

B. C., Kilgard — BRICK and TILE PLANT—Clayburn Co. Ltd., 850 Hastings St. W., brick and tile plant additions, new kilns. $350,000.

Bids Desired

Me., South Portland (br. Portland)—SERVICE and REPAIR GARAGE—Hunnewell Estate, c/o Edwards Sales Co., archt., 443 Congress St., Portland, taking bids 1 story, brick, steel, plain found., Main St. $45,000. Noted Oct. 11.

Mass., Lynn—SERVICE and REPAIR GARAGE—Gallant Co., 319 Essex St., taking bids 1 story, 45 x 105 ft., rein.-con., plain found., Essex St. $50,000. G. A. Cornet, 10 Central Ave., archt.

Mass., Milton (br. Boston)—FACTORY—See "Contracts Awarded."

Mass., Waltham (Ind. br. Boston)—GARAGE, OFFICE and REPAIR SHOP—See "Contracts Awarded."

R. I., Providence—REPAIR SHOP—Nov. 3, by Pub. Buildings Dpt., City Hall, 1 and 2 story shop with 7 story tower, brick, plain found. $65,000. T. J. H. Pierce, City Hall, engr. Noted June 28.

N. Y., New York — GARAGE, REPAIR and PAINT SHOP — Interboro News Co., S. Booth, pres., taking bids garage, repair and paint shop, 525 West 52nd St. $200,000. R. G. Cory, 30 Church St., engr. and archt. Noted Oct. 11.

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. J., Newark—FACTORY—See "Contracts Awarded."

N. J., West New York—LAMP FACTORY—Lockwood, Green Engineers, Inc., archts. and engrs., 100 East 42nd St., New York, taking bids general contract 3 story, basement, 70 x 180 ft., brick, steel, plain found., 11th Pl. and Schley St., for Brinkerhoff Electric Co., c/o architects. $75,000. Noted Sept. 27.

Ga., Augusta—REFRACTORIES PLANT—See "Contracts Awarded."

O., Cleveland—FOUNDRY—Bd. Educ., F. G. Hogen, dir., taking bids 1 story, brick, steel, 523 Eagle Ave. $40,000. G. M. Hopkinson, Auditorium Garage Bldg., archt.

Mich., Detroit—FACTORY—Fisher Body Corp., General Motors Bldg., taking bids and opens same about Nov. 12, 1 and 3 story, 100 x 650 ft., rein.-con., brick, plain found., Beaubien St., H. E. Beyster, c/o owners, engr.

Texas — REFINERY PLANTS — Texas Co., 720 San Jacinto St., Houston (subsidiary Texas Co., 17 Battery Pl., New York), taking bids at Houston and New York offices, 50,000 bbl. capacity plant at Amarillo, 90,000 bbl. capacity plants at El Paso and San Antonio. Est. $125,000 to $250,000 each. Noted Oct. 18.

Calif., Oakland—FACTORY—Ellison & Russell, engrs., Pacific Bldg., San Francisco, taking bids 1 story, 160 x 200 ft., steel, brick, Livingston St., for Sunset-McKee Sales Book Co., c/o engineers. $60,000. Noted Oct. 11.

Calif., Van Nuys—FACTORY—M. B. Falk, archt., 1008 Washington Bldg., Los Angeles, taking bids 100 x 200 ft., stone, tile aeroplane factory and 50 x 65 ft. galvanized iron paint shop for Bach Aircraft Co., c/o architect. $40,000.

Contracts Awarded

N. H., Hanover—SERVICE and REPAIR GARAGE—Town Bd. Selectmen, 2 story, basement, 50 x 90 ft., brick, plain found., to W. H. Trumbull, Hanover. Est. $50,000. Noted Sept. 20.

N. H., Rochester — MILL — Wyandotte Worsted Co., Main St., 2 story, brick, steel addition, plain found., to W. M. Bailey Co., 88 Broad St., Boston, Mass., $40,000.

Mass., Boston—PLANT-POWER HOUSE—City, J. P. Englert, comr. P. Buildings, completing power house and heating plant, at Charles River Jail, to Banspar Constr. Co., 9 Castleton St., Jamaica Plain, $59,685.

Mass., Haverhill — SERVICE GARAGE, SALESROOM and REPAIR SHOP—Smith Motor Co., 88 Main St., 1 story, 100 x [illegible] ft., brick, steel, plain found., to W. J. Delaney, 283 Essex St., Lawrence. [illegible] $45,000. Noted Oct. 11.

Mass., Mattapan (sta. Boston)—MANUFACTURING—Stedfast Rubber Co., 20 Tokio St., 1 story, brick, steel, plain found., 20-26 Tokio St., to Milton Constr. Co., 111 Milk St., Boston.

Mass., Milton (br. Boston)—FACTORY—Walter Baker & Co., Adams St., altering 3 story, brick, steel, plain found., Adams St., separate contracts. $40,000. Private plans.

Mass., Peabody—PLANT—Standard Oil Co. of New York, Park Sq. Bldg., Boston, 1 story, irregular sized, brick addition, plain found., Main and Canal Sts., to J. W. Ferris Inc., 11 Peabody Sq. Est. $40,000.

Mass., Rockland—POWER PLANT—W. Underwood Co., 95 Walnut St., Watertown, 1 story, brick, plain found., to Wheelock-Bogue, Inc., 25 Huntington Ave., Boston.

Mass., Uxbridge—MILL—Uxbridge Worsted Co., 2 story, 90 x 100 ft., brick, steel addition, plain found., to Lowell-Whipple Corp., 44 Portland St., Worcester. Est. exceeds $40,000.

Mass., Waltham (Ind. br. Boston)—GARAGE, OFFICE and REPAIR SHOP—J. Totten & Sons, 74 Bacon St., 1 story, 50 x 200 ft., brick, rein.-con., plain found., separate contracts. $50,000. Private plans. Noted Feb. 9.

R. I., Pawtucket—FACTORY—R. I. Textile Co., Prairie Ave., altering and constructing 2 story, 10,000 sq.ft. floor space, brick, timber addition, plain found., to O. D. Purrington & Co., 605 Industrial Trust Bldg., Providence. Est. $40,000 or more.

Conn., Derby—GARAGE, WAREHOUSE and OFFICE, etc. — Standard Oil Co. of New York, garage, warehouse and office building, and bridge, to M. A. Durrschmidt, 100 Main St. Est. $50,000.

N. Y., New York—SERVICE GARAGE—Corporation, c/o S. Knepper, 3124 3rd Ave., 1 story, 62 x 292 ft., brick, concrete, 167th St. and Brook Ave., to Leumas Building Co., 3124 3rd Ave. Est. $40,000.

N. Y., New York—SERVICE GARAGE—Big Four Realty Corp., 311 West 95th St., altering and constructing 4 story addition, 252 West 87th St., separate contracts. $100,000. DeYoung & Moscowitz, 11 East 44th St., archts. Noted Oct. 11.

N. J., Newark—FACTORY—R. G. Smith Tool & Mfg. Co., 245 New Jersey R.R. Ave., 1 story, basement, 90 x 100 ft., brick, steel, plain found., 120 Christie St., separate contracts. $40,000. Private plans. Noted Oct. 18.

N. J., Paterson — BAKERY — Pioneer Baking Co., 120 Getty Ave., general contract 3 story, basement, brick, steel addition, plain found., to C. Sikkelie, 972 East 22nd St. Est. $150,000.

N. J., Paulsboro—MANUFACTURING—Vacuum Oil Co., 61 Bway., New York, four 3 story and two 1 story, brick, steel, rein.-con. manufacturing buildings, to White Constr. Co., 95 Madison Ave., New York. Est. exceeds $150,000.

N. J., Ridgefield—FACTORY—Everseal Mfg. Co., Inc., 250 West 57th St., New York, general contract 2 story, brick, steel, plain found., 467-76 South Broad Ave., to Bonanno Bros., 1827 Bergen Turnpike, North Bergen. Est. $40,000.

N. J., Trenton—TESTING ASSEMBLY and SHIPPING — DeLaevo Steam Boiler Co., Trenton, general contract 1 story, 70 x 215 ft. assembly building, 1 story, 40 x 65 ft. shipping building, brick, steel, to J. A. Ferguson Co., 152 Market St. Est. $150,000.

Pa., Youngwood—MANUFACTURING—Robertshaw Mfg. Co., general contract 1 story, 80 x 140 ft., brick, steel addition, to Austin Co., Union Trust Bldg., Pittsburgh. Est. $40,000.

Md., Highlandtown (Ind. sta. Baltimore) — FACTORY — L. R. White, Jr., archt., Hearst Tower Bldg., Baltimore, 1 and 2 story, 150 x 600 ft., rein.-con., brick, steel, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, for Crown Cork & Seal Co. $40,000. Noted Oct. 11.

Ga., Augusta—REFRACTORIES PLANT—Babcock & Wilcox Co., 85 Liberty St., New York, refractory plant on 16 acre site, separate contracts and day labor. Ultimate cost $1,000,000.

Ala., Birmingham — WAREHOUSE, SHIPPING and LABORATORY — Stockham Pipe Co., 4600 10th Ave. N., 2 story, 104 x 251 ft. warehouse and shipping building, having freight and barrel elevators, and includes train shed for 10 cars, 1 story, 60 x 95 ft. laboratory; 200 ft. concrete roadway, to H. K. Ferguson Co., Hanna Bldg., Cleveland, O.

O., Toledo—ROUND HOUSE—New York, Chicago & St. Louis R.R., A. Rote, ch. engr., West 3rd St. and Lakeside Ave., Cleveland, 1 story, 18 stall, brick, steel

Buildings—Industrial (Continued)

addition, to Bentley & Sons, 201 Belmont St. Est. $100,000.

Ind., Evansville—POWER PLANT UNIT—Graham-Paige Body Co., power plant unit, to Hoffman Constr. Co., Evansville. Est. $65,000.

Ind., Hammond — FACTORY — Gostlin-Meyn-Weiss, 1st Trust Bldg., general contract 1 story, 50 x 150 ft., brick, steel, 286 Calumet St., to F. C. Rowley, 1st Trust Bldg. Est. $40,000.

Ind., Indianapolis — BOILER PLANT — Progress Laundry Co., 428 East Market St., general contract 2 story, basement, brick, steel, here, to M. M. Andrews, 405 Peoples Bank Bldg. Est. $41,000.

Ind., LaFayette—MACHINE SHOP and GARAGE — International-Harvester Co., general contract brick, steel, 2nd and South Sts., to G. E. Dahm, 319 North 26th St. Est. $40,000.

Ind., South Bend — FACTORY — Studebeker Corp., general contract 2 story, 90 x 200 ft., brick, steel, 631 South Main St., to J. Nelson, 212 Monroe Bldg. Est. $50,000.

Mich., Battle Creek — FACTORY — A. Kahn, archt., 1000 Marquette Bldg., Detroit, 1 story, basement, 100 x 400 ft., 1 story each, 88 x 100 ft. and 58 x 100 ft., concrete, brick, steel buildings, plain founds., to R. Sollitt, Battle Creek, for Nichols & Shepard Co., Marshall St. Est. $300,000.

Mich., Detroit—GEAR FACTORY—Detroit Gear & Machine Co., Woodbridge St., 4 story, 70 x 150 ft., rein.-con., brick, plain found., Woodbridge St., to Stokes & Whittingham, Penobscot Bldg. Est. $75,000.

Mich., Grand Rapids—MACHINE SHOP—Hayes Body Corp., 7th and Muskegon Aves., 1 story, 120 x 205 ft., brick, steel, plain found., to Austin Co., 11-243 General Motors Bldg., Detroit. Est. $60,000.

Mich., Highland Park (br. Detroit) — FACTORY—Wood Hydraulic Hoist & Body Co., 7924 Riopelle St., Detroit, 1 story, 50 x 350 ft., brick, steel, plain found., Cardoni Ave., to Otto Randolph, Inc., 53 West Jackson Blvd., Chicago, Ill. Est. $55,000.

Mich., Lansing — FACTORY — Motor Wheel Corp., Saginaw St., 1 story, 200 x 400 ft., rein.-con., brick, steel addition, plain found., to G. Hagemeir, 216 West Lapeer St.

Ill., Chicago — FACTORY — A. Epstein, archt., 2001 West Pershing Rd., 2 story, 76 x 115 ft., 1415-25 West 37th St., to Persons Constr. Co., 1551 East 75th St., for Griffith Laboratories Co., 4103 South La Salle St. Est. $50,000.

Ill., Cicero — PLANT — Hurley Machine Co., West 22nd St. and South 54th Ave., 2 story, 80 x 400 ft. addition, to E. L. Archibald & Co., 111 West Washington St., Chicago. Est. $200,000.

Wis., Milwaukee—POWER HCUSE and FOUNDRY — Sawyer Steel Casting Co., general contract 70 x 70 ft. power house, and 48 x 52 ft. foundry addition, 37th and Mitchell Sts., to Madson, Christenson & Ingbretson, 1289 Natl. Ave.; heating, to Sterling Eng. Co., 1640 Holton St.; roofing, to Winding Roofing Co., 68 East Wisconsin Ave.

Wis., Waukesha — WAREHOUSE — Waukesha Motor Co., steel for 2 story, 44 x 264 ft., brick warehouse, to Wisconsin Bridge & Iron Co., North Milwaukee; brick work, to G. Ward & Son, 334 Maple St.; concrete, to C. Daily & Son, 732 North Grand Ave.; heating, to G. A. Portz, 793 41st St., Milwaukee; crane, to Pawling & Harnishfeger Co., 38th St. and National Ave., Milwaukee.

Wis., Sheboygan — WAREHOUSE — Vobrath Co., D. F. Ries, secy., general contract 1 story, basement, 150 x 150 ft., brick, to Immel Constr. Co., 19 West Division St., Fond du Lac.

Ia., Dubuque — WAREHOUSE — Metz Mfg. Co., 17th and Elm Sts., 3 story, basement, 80 x 137 ft., brick, stone, to R. F. Conlon, Dubuque, $32,500. Est. $60,000. Noted Sept. 20.

Mo., Joplin—PLANT—Meeker Advertising Co., 3rd and Michigan Sts., general contract 2 story factory, to Al. Woods Constr. Co., Joplin. Est. $75,000. Noted Aug. 16.

Tex., Big Springs—REFINERY PLANT—Richardson Refining Co., Big Springs, 5,000 bbl. refining plant near here, topping plant, to Foster-Wheeler Corp., 111 Bway., New York; Jenkins unit, to Graver Corp., Todd Ave., East Chicago, Ind. Total est. $600,000.

Calif., Los Angeles — FACTORY and STORE—Buttress Mfg. Co., 507 Shatto Pl., 2 story, 116 x 165 ft., brick, steel, 2201-15 South San Pedro St., to Moran Co., 740 South Bway., $60,000.

Calif., Monterey—PACKING PLANT—Hovden Packing Co., Ocean View and David Sts., 2 story, rein.-con., to Villadsen Bros., 417 Market St., San Francisco, $50,000.

Calif., Oakland — LAUNDRY — Cakland California Towel Co., 2823 Myrtle St., 1 story, concrete, brick, 28th and Filbert Sts., to McWethy & Greenleaf, 374 17th St., $50,000.

Ont., Guelph — FACTORY — Northern Rubber Co., T. G. Kennedy, mgr., general contract 2 story, basement, 65 x 125 ft., brick, steel addition, Metcalfe St., to A. Vattaglia, c/o owner. Est. $55,000. Noted Sept. 6.

Ont., Hamilton—FACTORY—Norton Co. of Canada, R. C. Douglas, mgr., 3 Beach Rd., 1 story, 100 x 100 t., brick, steel, Beach Rd., to W. H. Cooper, 6 Hughson St. N.; steel, to Hamilton Bridge Co., Hamilton. Est. $45,000.

Ont., Hamilton — FACTORY — Wallace Barnes Co., Sherman and Biggar Sts., 2 story, basement, 65 x 125 ft., brick, steel addition, Sherman Ave., to W. H. Cooper, 6 Hughson St. Est. $50,000.

B. C., Victoria — COLD STORAGE and WAREHOUSE — Victoria Cold Storage & Terminal Warehouse Co. Ltd., 5 story, rein.-con., steel, Ogden Point Docks, to Parfitt Bros. Ltd., 1303 Gladstone Ave., $400,000. Noted Oct. 25.

Buildings—Commercial

Proposed Work

Mass., Brighton (sta. Boston)—APARTMENT—Strathmore Realty Trust, c/o G. N. Jacobs, archt., 37 Province St., Boston, revised plans 4 story, basement, 100 x 155 ft., brick, stone, steel, concrete found., Englewood Ave. Strathmore and Orkney Rds. $350,000-$400,000. Former bids rejected. Noted May 31.

Mass., Brighton (sta. Boston) — FIRE STATION—City of Boston, Fire Dpt., fire station, Chestnut Hill Ave. $150,000 appropriated. Engineer and architect not selected.

Mass., Brockton—BANK—Security Cooperative Bank, B. B. Winslow, chnm. building com., 83 Main St., sketches bank. $150,000. Engineer and architect not selected.

Mass., Brockton—STORE and OFFICE—Majestic Realty Trust Co., J. Alland, treas., 126 Tremont St., revised plans by C. T. Olson, 101 Main St., 1 and 2 story, basement, 80 x 175 ft., brick, limestone, plain found., North Main St. $150,000. Former bids rejected. Noted Oct. 18.

Mass., Roslindale (sta. Boston)—BANK—Suffolk Savings Bank, 1 Tremont St., Boston, sketches by C. G. Loring, 7 Water St., Boston, bank. $150,000.

Mass., Salem — THEATRE — Salem Realty Co., 126 Washington St., plans by C. W. and G. L. Rapp, 190 North State St., Chicago, Ill., brick, steel, Essex St. Est. probably $1,000,000.

Mass., Springfield — Directors Y.M.C.A., Chestnut St., plans by Kirkham & Parlett, 25 Harrison Ave., altering and constructing 7 story addition, Chestnut St. and Harrison Ave. $400,000. Noted Feb. 2.

R. I., Woonsocket—APARTMENT—A. I. Darman, 309 Prospect St., apartment, hotel, garage, incl. dance hall and cafeteria, Blackstone and Main Sts. $150,000 or more. Engineer and architect not selected.

N. Y., Brooklyn—APARTMENT—Bernsyle Realty Corp., H. Krieg, pres., 150 East 94th St., plans by A. Millman, 1780 Pitkin Ave., 6 story, 75 x 86 ft., brick, timber, Willoughby and Sumner Aves. $155,000.

N. Y., Brooklyn—APARTMENT—Empire Development Corp., 620 Hopkinson Ave., plans by J. Henkin, 2127 East 1st St., brick, timber, East 34th St. and Kings Highway. $150,000.

N. Y., Brooklyn—APARTMENT—P. T. Eerblin, 1721 Avenue O, plans by J. W. Koch, 1682 Gates Ave., 6 story, 134 x 158 ft., brick, timber, 17th St. and Avenue P. $400,000.

N. Y., Brooklyn — APARTMENT — Harold-Mann Realty Corp., L. Halperin, pres., 26 Court St. plans by Cohn Bros., 361 Stone Ave., 6 story, 165 x 250 ft., brick, timber, St. Marks Ave. near New York Ave. $650,000.

N. Y., Brooklyn — APARTMENT — I. Salmonowitz, 119 Albermarle Rd., plans by Cohn Bros., 361 Stone Ave., 6 story, 90 x 100 ft. apartment, Avenue K and East 12th St. $200,000.

N. Y., Brooklyn — APARTMENT — Sterling Kaye Co., Inc., H. J. Kaye, pres., 26 Court St., plans by Cohn Bros., 361 Stone Ave., 6 story, brick, timber, Colonial Rd. and 71st St. $475,000.

N. Y., Brooklyn—BANK—C. L. Calhoun, archt., 101 Park Ave., New York, soon lets contract 4 story bank, 1602 Kings Highway, for Gravesend Realty Corp., 1601 Kings Highway. $350,000. Noted July 28.

N. Y., Buffalo—CITY HALL—City plans by J. J. Wade & S. W. Jones, archts., Buffalo, and Meyer, Strong & Jones, assoc. archts., 101 Park Ave., New York, city hall. Noted Apr. 19.

N. Y., Jamaica—ARMORY—Armory Bd., Municipal Bldg., New York, national guard armory, or 104th Field Artillery. $1,000,000.

N. Y., New York — APARTMENT — P. Aginsky, 20 Featherbed Lane, plans by H. I. Feldman 415 Lexington Ave., 6 story, 90 x 100 ft., brick, timber, Davidson Ave. and Featherbed Lane. $300,000.

N. Y., New York—APARTMENTS—Chateau Apartments, Inc., H. B. Spier, pres., 17 East 42nd St., plans by G. and E. Blum, 415 Lexington Ave., two 6 story, 54 x 154 ft., brick, timber, 231st St. and Palisade Ave. $400,000.

N. Y., New York—APARTMENT—Corporation, J. J. Lavender, 838 Courtland Ave., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 6 story, 87 x 166 ft., brick, timber, 174th St. and Stratford Ave. $300,000.

N. Y., New York—APARTMENT—Corporation, c/o S. Panzer, 127 West 170th St., plans by J. P. Boyland, 305 East Kingsbridge Rd., 5 story, 77 x 100 ft., brick, timber, Gates Pl. and Mosholu Parkway. $150,000.

N. Y., New York—APARTMENT—Corporation, c/o C. Rosenberg, 3150 Rochambeau Ave., plans by C. Kreymborg & Son, 2534 Marion Ave., 6 story, 123 x 132 ft., brick, timber, 205th St. and Parkside Pl. $375,000.

N. Y., New York—APARTMENT—Herco Realty Corp., S. A. Herzog, pres., 299 Madison Ave., plans by Schwartz & Gross, 347 5th Ave., 9 story, 52 x 85 ft., brick, steel, 47 East 64th St. $200,000.

N. Y., New York—APARTMENT—Lynbrook Investment Corp., J. Perlbinder, pres., 332 East 149th St., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 6 story, 161 x 284 ft., brick, timber, Grand Concourse and 168th St. $750,000.

N. Y., New York — APARTMENT — Malex Realty Corp., M. D. Greshut, pres., 522 5th Ave., plans by Gronenberg & Leuchtag, 1385 Bway., 16 story, 100 x 100 ft., brick, steel, 1230 Park Ave. $1,000,000.

N. Y., New York — APARTMENT — G. Silverman, 652 East 180th St., plans by F. J. Ross, 4200 White Plains Rd., 6 story, 80 x 120 ft., brick, timber, Bissel and Murdock Aves. $250,000.

N. Y., New York—APARTMENTS—Del Balso Bros., Inc., 1933 West Farms Rd., plans by C. Kreymborg & Son, 2534 Marion Ave., two 4 story, 50 x 87 ft., brick, timber, Leland and Tremont Aves. $150,000.

N. Y., New York — OFFICE — American Red Cross, C. W. Simmons, chn., 598 Madison Ave., office building, Lexington Ave. and 38th St. $500,000. Engineer and architect not selected.

N. Y., New York—STORES, BANK and OFFICE—L. R. Weinberg, 390 West End Ave., plans by H. C. Severance, 36 West 44th St., 20 story, 44 x 188 ft., brick, steel, 400 Madison Ave. $1,250,000.

N. Y., Sunnyside (mail Long Island City)—APARTMENT—Harfin Homes Corp., 45 West 45th St., New York, plans by D. J. Cohan, c/o owner, 6 story, 90 x 95 ft., brick, timber, 43rd Ave. and 43rd St. $210,000.

N. J., Asbury Park — APARTMENT — Asbury Park Guarantee & Mortgage Co., Main Ave., 10 story, basement, brick, steel, plain found., Grand St. and 5th Ave. $500,000.

N. J., Asbury Park — APARTMENT — Owner, c/o E. Klausner, 1210 5th Ave., sketches 9 story, basement, 100 x 100 ft., brick, steel, plain found., Deal Lake Dr. and Park Ave. $350,000.

N. J., Atlantic City—APARTMENT—L. Melon, c/o J. Decker, archt., 14 Northfield Ave., West Orange, 5 story, basement, 50 x 115 ft., brick, steel, plain found., State Ave. $150,000. Noted Oct. 25.

N. J., Atlantic City—APARTMENT—E. Silade, c/o J. Decker, archt., 14 Northfield Ave., West Orange, 10 story, basement, 58 x 114 ft., brick, steel, plain found., Atlantic Ave. and Chelsea St. $300,000. Noted Oct. 25.

N. J., Atlantic City—HOTEL—Owner, c/o L. I. Brooks, archt., 65 Madison Ave., New York, sketches 18 story, 100 x 200 ft., brick, steel, plain found. $2,000,000.

N. J., Bayonne—APARTMENT HOTEL—Midlen & Eisenstadt, 116 East 49th St., 5 story, basement, brick, steel, plain found., West 26th St. from Avenues B to C. $200,000. Engineer and architect not selected.

N. J., Belleville (br. Newark)—HOSPITAL and NURSES' HOME — Bd. Freeholders Essex Co., Market St. and Springfield Ave., Newark, plans by Sutton, Sutton & Calkins, 402 Broad St., Newark, 8 story, basement hospital, 5 story, basement nurses' home, and 2 story, basement service building, all brick, steel, plain founds., County Isolation Grounds. $1,000,000. Runyon & Carey, 31 Fulton St., Newark, co. engrs.

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Buildings—Commercial (Continued)

N. J., Bradley Beach — APARTMENT — J. C. Malone, c/o E. H. Schneider, archt., 3rd Ave., Spring Lake, sketches 3 story, basement, brick, steel, plain found., 410 Brinley Ave. $150,000.

N. J., East Orange—APARTMENT—H. Thomas, 101 North Grove St., East Orange, sketches by Warren & Warren, 31 Clinton St., Newark, 4 story, basement, 120 x 172 ft., brick, steel, plain found., 194 Park Ave. $220,000.

N. J., Hackensack — APARTMENT — J. Natale, 725 Adams St., Hoboken, plans by G. Willaredt, 411 23rd St., West New York, two 4 story, basement, 90 x 150 ft., brick, steel, plain found., Beech St. $225,000.

N. J., Jersey City—APARTMENT—Gray Street Apartments, Inc., c/o H. Adelman, archt., 494 Bway., 4 story, basemnt, brick, steel, plain found., 36-38 Gray St. $150,000.

N. J., Jersey—LABORATORY—Port of New York Authority, 75 West St., New York, bids latter part November, 4 story, basement, 50 x 100 ft., brick, rein.-con., plain found., Fox Pl. and Westside Ave. $250,000. York & Sawyer, 100 East 42nd St., New York, archts. Noted Oct. 11.

N. J., Long Branch — APARTMENT — Owner, c/o M. E. Weiner, archt., 790 Broad St., Newark, sketches brick, steel, plain found., Washington and Hampton Sts. $200,000.

N. J., Long Branch — CONVENTION HALL—Bd. City Comrs. brick, steel plain found., Madison Ave. and Laird St. $700,000. Engineer and architect not selected.

N. J., Lyndhurst (br. Rutherford) — TEMPLE — Adoniron Lodge, F. & A. M. 237, 16 Riverside Ave., sketches by A. L. Vegliante, 42 Passaic Ave., Garfield, 2 story, basement, brick, steel, plain found. $150,000.

N. J., Montclair—LOFT and STORE—Owner, c/o A. E. Ramhurst, archt., 508 Bloomfield Ave., 3 story, basement, brick, steel, Bloomfield Ave. $150,000. Noted Oct. 25.

N. J., Newark—BUSINESS—Owner, c/o A. Peter, archt., 207 Market St., 3 story, basement, brick, steel, plain found. $150,000. Noted Oct. 25.

N. J., Passaic — APARTMENT — See "Contracts Awarded."

N. J., Paterson—BUSINESS—Owner, c/o J. C. VanVlandre, archt., 140 Market St., sketches 3 story, basement, brick, steel, plain found. $150,000.

N. J., Plainfield—STORE—Montgomery Ward Co., 1000 South Monroe St., Baltimore, Md., plans by C. C. Bell, 17 Union Ave. W., Cranford, 2 story, basement, 50 x 250 ft., brick, steel, plain found. $150,000.

N. J., Roselle (Ind. br. Elizabeth) — APARTMENT — K. E. F. Constr. Co., c/o W. L. Finne, archt., 91 Broad St., Elizabeth, 3 story, basement, 70 x 100 ft., brick, steel, plain found., Vine St. and Watson Ave. $150,000. Noted Oct. 25.

Pa., Pittsburgh — HOSPITAL — Falk Clinic & Hospital plans by E. P. Mellon, 350 Madison Ave., New York or Oliver Bldg., hospital, 5th and Lathrop Sts. $750,000.

Pa., Reading—HOTEL—R. H. Meyer, Birmingham, Ala., plans by W. L. Stoddart, 5 East 41st St., New York, hotel, 5th and Washington Sts. $2,000,000.

Md., Baltimore—GARAGE—Owner, c/o J. E. Sperry, archt., Calvert Bldg., 6 story, concrete, brick, steel, Mulberry and State Sts. $500,000. H. F. Doeleman, 516 North Charles St., engr.

Va., Richmond—OFFICE—Central Natl. Bank, 3rd and Broad Sts., plans by Eberson & Eberson, 200 West 57th St., New York, and Carneal & Johnston, Electric Bldg., 15 story, basement, 61 x 145 ft. L shaped 4 story, 26 ft. front wing, banking house and office building, Broad and 3rd Sts. $1,500,000.

Ga., Atlanta—PASSENGER STATION—Nashville, Chattanooga & St. Louis Ry., H. McDonald, ch. engr., 930 Bway., Nashville, Tenn., plans by McDonald & Co., archts. and engrs., Southeastern Trust Co., 2 story, 112 x 150 ft., brick, steel, rein.-con., Wall and Pryor Sts. $500,000.

Fla., Jacksonville—WAREHOUSE—Firestone Tire & Rubber Co., South Main St., Akron, O., plans by Mark & Sheftall, assoc. archts., Clark Bldg., 4 story, 150 x 180 ft., rein.-con., brick, steel, stone, Adams and Lee Sts. $225,000.

Ala., Birmingham—OFFICE—Owner, c/o H. Wheelock, archt., Steiner Bldg., soon takes bids 16 story, 50 x 140 ft., steel, terra cotta, concrete, 7th Ave. and 20th Sts. $1,000,000.

Ala., Mobile — OFFICE — Merchants Securities Corp., St. Francis St., plans by Warren, Knight & Davis, Empire Bldg., Birmingham, 17 story, 65 x 85 ft., brick, steel, rein.-con., St. Joseph and St. Francis Sts. $750,000.

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Miss., Gulfport—THEATRE—J. W. Billingsley, engr., Interstate Bank Bldg., New Orleans, La., soon lets contract 92 x 150 ft., rein.con., brick, steel, hollow tile, stucco, concrete found. 23rd Ave., for Markham Theatre. $200,000.

La., Bogalousa—THEATRE—Pine Tree Amusement Co., 134 Carondelet St., New Orleans, plans by Favrot & Livaudais, Hibernia Bank Bldg., New Orleans, 1 story, balcony, rein.-con., brick, steel, concrete found., Columbia St. $150,000.

La., Plaquemine — LODGE — Plaquemine Council, Knights of Columbus, plans by W. R. Burk, Balter Bldg., New Orleans, 2 story, 34 x 117 ft., brick, Main St. $150,000.

Ky., Louisville—HOTEL—A. E. Black & Co., P. Compton, representative, Lauderman Bldg., St. Louis, Mo., altering and constructing 18 story, basement, 72 x 150 ft., rein.-con., brick addition, and 250-car garage, 218 West Bway. $2,400,000. Private plans.

O., Cleveland—APARTMENT HOTEL—Company, c/o G. J. Feiss, c/o Superior Foundry Co., 3542 East 71st St., sketches by S. H. White, 1032 Schofield Bldg., 7 story, basement, 32 x 150 ft., concrete, brick, steel, Lake Ave. and West Blvd. $500,000.

O., Cleveland — GARAGE — A. Brudno, c/o Imperial Leaf Tobacco Co., 1281 West 9th St., plans by M. Weis, Union Bldg., 4 story, basement, 42 x 90 ft., brick, rein.-con., West 4th St. $150,000.

O., Cleveland—HOTEL—Cleveland Hotel Co., M. J. Van Sweringen, pres., plans by Graham, Anderson, Probst & White, Ry. Exch. Bldg., Chicago, Ill., 10 story, basement, brick, steel, concrete addition, Public Square. $4,000,000. Noted Sept. 22, 1927.

O., Cleveland — PUBLIC GARAGE — Huron Road Garage Co., c/o A. Sogg, archt., 3030 Euclid Ave., 3 story, basement, 80 x 128 ft., rein.-con., brick, Huron Rd. $150,000.

O., Lakewood (br. Cleveland)—APARTMENTS—Greenwich Realty Co., 3625 East 146th St., Cleveland, plans by M. Weis, 617 Union Bldg., Cleveland, two 3 story, basement, brick apartment. $150,000.

O., Norwalk — STORE, OFFICE and THEATRE — Melba Amusement Co., J. H. Soloman, 1167 7th St., Lorain, plans by J. F. Steffens, Fidelity Mortgage Bldg., Cleveland, 3 story, basement, 66 x 250 ft., brick, steel, concrete. $200,000.

Ind., Indianapolis—HOTEL—M. White, Indianapolis, plans by H. Z. Dietz, 609 Chamber of Commerce Bldg., 6 story, basement, 45 x 100 ft., brick, steel, terra cotta, 947 North Pennsylvania St. $200,000.

Ind., Terre Haute — Y. M. C. A., S. E. Huffman, 644 Ohio St., local secy., new building. $500,000. Engineer and architect not selected.

Mich., Flint—RECREATION—J. B. Pengelly, Pengelly Bldg., plans by G. Bachman, 512 Flint P. Smith Bldg., 3 story, basement, 96 x 235 ft., rein.-con., brick, steel, stone, plain found., Harrison St. $150,000.

Mich., Fordson—THEATRE—Owner, c/o P. R. Pereira, archt., 701 Polk Directory Bldg., Detroit, 2 story, basement, 98 x 100 ft., rein.-con., brick, steel, plain found. $150,000.

Mich., Pontiac—HOTEL—B. Albert, 1033 Vernor Highway, Detroit, 3 story, basement, 60 x 100 ft., brick, stone, plain found., South Blvd. $150,000. Private plans.

Ill., Chicago — HOSPITAL — Midwest Homeopathic Midwest Institute, c/o G. B. Ellison, 35 East Wacker Dr., sketches by Betts & Holcomb, 32 West Randolph St., 4 story, brick, Garfield and Western Aves. $900,000.

Ill., Chicago—INDUSTRIAL MUSEUM—South Park Comrs., 5700 Cottage Grove Ave., rejected bids on revised plans reconstructing old Fine Arts Building into Julius Rosenwald Industrial Museum, 57th St. in Jackson Park. Graham, Anderson, Probst & White, 80 East Jackson Blvd., archts. Noted Apr. 12.

Ill., Chicago—STORE—Mundie & Jensen, archts., 39 South La Salle St., soon takes bids 6 story, basement, 45 x 120 ft., brick, steel, stone, caisson found., 114-118 South State St., for Mid-West Apparel Co., c/o architects.

Wis., South Milwaukee—FIRE, POLICE and JAIL—City plans by Davis & Tuckwell, 377 National Ave., Milwaukee, 2 story, basement, 60 x 115 ft., brick.

Kan., Norton—COURT HOUSE—Norton Co. sketches by Cuthbert & Suehrk, 735 Kansas Ave., Topeka, 3 story, concrete, brick, stone. $200,000.

Kan., Topeka—APARTMENT—Virginian Arms Holding Co., c/o H. M. Guy, 320 West 1st St., plans by Bowling & Shank, 1198 Arcade Bldg., St. Louis, Mo., 10 story, basement, rein.-con., brick, stone, terra cotta, 10th and Topeka Aves. $750,000. W. J. Knight & Co., 902 Wainwright Bldg., St. Louis, Mo., engrs.

Mo., Kansas City—HOSPITAL—Jackson Co. plans by F. C. Gunn, 1108 Continental Bldg., 3 and 4 story, basement, rein.-con., brick, stone hospital. $500,000.

Mo., St. Louis—APARTMENT—Paramount Constr. Co., 904 Chestnut St., 15 story, basement, 85 x 200 ft., rein.-con., brick, stone, terra cotta, 4436 Lindell Blvd. $1,000,000.

Mo., St. Louis—APARTMENT—Sovereign Building & Investment Co., A. A. Spiel, pres., c/o N. B. Howard & N. C. Finney, archts., International Life Bldg., sketches 18 story, basement, rein.-con., brick, stone, terra cotta apartment, inc. 2 story, 150-car garage, on 125 x 246 ft. site, Lindell Blvd. east of Euclid Ave. $1,250,000.

Tex., San Antonio—BANK and OFFICE—Alamo Natl. Bank, c/o E. L. Brown, pres., 128 West Commerce St., bids after Jan. 1, 22 story, basement, rein.-con., brick, steel, Commerce, Market and St. Mary's Sts. $1,250,000. Graham, Anderson, Probst & White, 80 East Jackson Blvd., Chicago, Ill., archts. Noted Oct. 18.

Tex., Victoria—HOTEL—G. L. Bruner, 434 Bedell Bldg., San Antonio, soon takes bids 10 story, part basement, 65 x 162 ft., brick, steel, rein.-con., plain found. $300,000. J. G. Becker, 33 West Beauregard St., San Angelo, archts.

Okla., Tulsa — STORE — Halliburton-Abbott Co., L. E. Abbott, pres., 421 South Main St., sketches 10 story, basement, 100 x 140 ft., rein.-con., brick, plain found., 5th St. $1,000,000.

Calif., Calexico — HOTEL — Eastman & Stanford, c/o E. Rahn, archt., 3921 West 6th St., Los Angeles, sketches 100 room, frame, stucco hotel. $175,000.

Calif., La Jolla — APARTMENTS — Owner, c/o C. Strothoff, archt., 2274 15th St., San Francisco, two 3 story, frame, stucco apartments. $250,000.

Calif., Los Angeles — APARTMENT — Charlemagne Corp. plans by MacDonald & Bryant, 316 Spring Arcade Bldg., 10 story, incl. 230 rooms, art store, laundry, 100 car garage, on 175 x 230 ft. site Cherokee and Yuca Sts. $700,000.

Calif., Los Angeles — APARTMENT — Owner, c/o R. Long, archt., 1004 South Plymouth Blvd., sketches 8 story, stone, stucco, Sycamore Ave. between 1st and 2nd Sts. To exceed $150,000.

Calif., Los Angeles—APARTMENT—A. Lempz, c/o P. Stockigt, archt., 3140 Sunset Blvd., 4 story, basement, 98 x 105 ft., rein.-con., Detroit St. $150,000.

Calif., Los Angeles—APARTMENT—L. A. Rose, 143 Plymouth Blvd., plans by M. Maltzman, 609 Union Bank Bldg., 4 story, basement, 100 x 139 ft., brick, stone, Alvarado St. between Ocean View and 6th Sts. $350,000.

Calif., Los Angeles — STORE and APARTMENT—I. Siegel, c/o M. Maltzman, archt., Union Bank Bldg., 6 story, basement, 115 x 125 ft., brick, 10th St. and Gramercy Blvd.

Calif., San Francisco—SERVICE—Pacific Gas & Electric Co., 245 Market St., service buildings, incl. shops, meter repair department, Mission Dist. $100,000. Private plans.

Calif., Santa Maria—HOTEL—Frances & Wilson, c/o G. C. Burnett, archts., Citizens Bank Bldg., Los Angeles, 3 story, basement, 60 x 180 ft., L shaped, rein.-con., stucco. $150,000.

Bids Desired

Mass., Boston — OFFICE — Nov. 14, by United Shoe Machy. Co., 205 Lincoln St., S. W. Winslow, Jr., chn. Building Comn., 24 story, basement, 200 x 220 ft., brick, steel, limestone, 138-162 Federal St. Est. exceeds $150,000. Parker, Thomas & Rice, 177 State St., archts. French & Hubbard, 210 South St., engrs. Noted Oct. 4.

Mass., Lynn—APARTMENT—See "Contracts Awarded."

Mass., Milton (br. Boston) — SERVICE and REPAIR GARAGE — See "Contracts Awarded."

Mass., Quincy (Ind. br. Boston)—STORE, OFFICE, etc.—See "Contracts Awarded."

R. I., Narragansett Pier (P. O. Narragansett)—CLUB—Dunes Club, Inc., taking bids 2 story, irregular sized, brick, rein.-con. clubhouse. $150,000. K. Murchison, 101 Park Ave., New York, archt.

R. I., Newport—INSTITUTE—E. and M. Wetmore, Newport, bids about Dec. 1, Seaman's Institute. $150,000. F. R. King, 25 Vanderbilt Ave., New York, archt.

Buildings—Commercial (Continued)

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., Central Islip—WARD—Nov. 21, by Dpt. Mental Hygiene, Capitol, Albany, male ward buildings, units 1 and 2, male dining room and kitchen building at New York State Hospital, on Crooked Hill Rd.

N. Y., Flushing — APARTMENT — See "Contracts Awarded."

N. Y., Long Island City—APARTMENT — See "Contracts Awarded."

N. Y., Middletown — HOSPITAL — Nov. 14, by Dpt. Mental Hygiene, Capitol, Albany, employees building and infirmary at Middletown State Homeopathic Hospital. Noted Aug. 9.

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., New York — APARTMENT and STORAGE — See "Contracts Awarded."

N. Y., New York—COURT HOUSE—Nov. 7, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Children's Court House, Grand Blvd., Concourse, and McClellan St., Bronx Boro. Noted Aug. 30.

N. Y., New York—HOTEL—See "Contracts Awarded."

N. Y., Ogdensburg — PAVILION — Nov. 14, by Commissioner Dpt. Mental Hygiene, Capitol, Albany, tuberculosis pavilion at St. Lawrence State Hospital; adv. E. N.-R. Nov. 1.

N. Y., Willard—HOSPITAL—Nov. 21, by Commissioner Dpt. Mental Hygiene, Albany, psychiatric reception building, Willard State Hospital. Noted June 7.

N. J., East Orange—APARTMENT—See "Contracts Awarded."

N. J., Highland Park—APARTMENT and STORE—See "Contracts Awarded."

N. J., Jersey City—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—APARTMENT and STORE—See "Contracts Awarded."

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Newark—APARTMENT—P. Singer & A. Brach, archts., 6 Park Pl., bids about Dec. 1, 4 story, basement, 84 x 100 ft., brick, steel, plain found., for M. Kerris, Military Park Bldg., $175,000. Noted May 24.

N. J., Newark—ARMORY—Com. of Institutions & Agencies, State Office Bldg., West Hanover St., Trenton, taking bids, general contract altering and constructing 4 story, basement, 100 x 232 ft., brick, steel addition, plain found., Roseville Ave. $150,000. M. N. Shoemaker, 15 Central Ave., archt. Noted Oct. 11.

N. J., Newark—COURT HOUSE—Dec. 4, by G. C. Bergen, purch. agt. Essex Co., Hall of Record Bldg., altering, renovating court house, 13th Ave., High and Market Sts. Guilbert & Bettelle, Chamber of Commerce Bldg., archts. Runyon & Carey, 31 Fulton St., consult. engrs. Noted Oct. 4.

N. J., Newark—GARAGE—See "Contracts Awarded."

N. J., New Brunswick — OFFICE and STOREROOM—See "Contracts Awarded."

N. J., Orange — APARTMENT — A. P. Nucciarone, archt., 206 Central Ave., bids about Nov. 15, general contract 5 story, basement, 120 x 145 ft., brick, steel, plain found., 280 Central Ave., for H. C. Cassini, c/o architect. $200,000. Noted Sept. 27.

N. J., Orange — APARTMENT — J. Zingalli, Glen Ridge Ave., Montclair, taking bids general contract 4 story, basement, 90 x 132 ft., brick, steel, plain found., Washington and North Center Sts. $160,000. A. P. Nucciarone, 206 Central Ave., archt.

N. J., Orange—BANK and STORE—E. H. Fougner, archt., 197 Market St., Newark, taking bids, general contract 2 story, basement, 65 x 120 ft., brick, steel, plain found., South Center St. and Central Ave., for Orange Natl. Bank, 282 Main St. Est. $150,000. Noted Oct. 25.

N. J., Orange—OFFICE and STORE—E. H. Fougner, archt., 197 Market St., Newark, taking bids 2 story, basement, 120 x 130 ft., brick, steel, plain found., Main and Day Sts., for Main Day Corp., F. Murray, 142 Cleveland St. $150,000. Noted Oct. 25.

N. J., Paterson—HALL OF RECORDS and JAIL—Bd. Freeholders Passaic Co., Court House, bids about Nov. 15, 8 story, basement, 175 x 200 ft., rein.-con., brick, steel, plain found., Grand and Spring Sts. $500,000. H. B. Crosby, 125 Ellison St., archt. Noted Sept. 27.

N. J., Paterson—F. W. Wentworth, archt., 140 Market St., bids about Nov. 15, general contract 3 story, basement, 115 x 140 ft., brick, steel, plain found., Ward and Prince Sts., for Y.M.C.A., 141 Ellison St. $750,000. Noted Oct. 11.

N. J., Red Bank — APARTMENT and GARAGE—See "Contracts Awarded."

N. J., Union City—BANK and OFFICE—F. Hensel, 254 Summit Ave., Union City, and W. Neuman, 40 Journal Sq., Jersey City, assoc. archts., taking bids, general contract 2 story, basement, 50 x 100 ft., brick, steel, plain found., 15th St. and Summit Ave., for North Hudson Natl. Bank, c/o architects. Noted July 19.

Pa., Phila.—APARTMENT—Nov. 10, by L. Haupt & R. N. Dippy, archts., 1600 Walnut St., brick, steel addition, plain found., 35th and Race Sts., for Hampton Court Apartments, c/o architects. $175,000.

Pa., Phila.—APARTMENT—M. Orocofsky, 5824 North 13th St., taking sub-bids 4 story, basement, 80 x 170 ft., brick, steel, plain found., Chelten and 17th Sts. $300,000. B. M. Schlein, 6605 North 18th St., archt.

Pa., Phila.—APARTMENT and STORE—B. Cohen & Son, 109 South 9th St., taking sub-bids 10 story, basement, 35 x 100 ft., brick, steel, plain found., 129-31 South 11th St. $200,000. Cashland & Beard, Chester, archts.

Miss., Hattiesburg—HOTEL—Nov. 8, by Forest Hotel Co., c/o Secretary Chamber of Commerce, 8 story, mezzanine, basement, 46 x 160 ft., rein.-con., brick, terra cotta. $500,000. G. D. Barnett, 913 Syndicate Trust Bldg., St. Louis, Mo., archt. E. C. Herron, Hattiesburg, assoc. archt.

La., Shreveport — APARTMENT — See "Contracts Awarded."

O., Troy — BANK — First Troy Natl. Bank, W. E. Boyer, pres., Market St., bids about Jan. 1, 4 story bank, South Market St. $150,000. Hopkins & Dentz, 415 Lexington Ave., New York, archts.

Mich., Detroit—HOSPITAL—J. G. Kastler Co., archts., 524 Detroit Savings Bank Bldg., taking bids and open same about Nov. 20, 4 story, basement, 60 x 150 ft., rein.-con., brick, steel, stone, plain found., West Chicago Blvd., for Pingree General Hospital, 10049 Grand River Ave. Noted Oct. 11.

Mich., Detroit — MASONIC TEMPLE — Nov. 5, by S. E. Remey, archt., 1139 Griswold St., 2 story, basement, 100 x 102 ft., concrete, brick, steel stone, plain found., Kercheval Ave. $150,000.

Mich., Flint—AUDITORIUM—Nov. 9, by Industrial Mutual Assn., Industrial Bank Bldg., 1 story, 70 ft. high, 200 x 260 ft., brick, steel, plain found., East 2nd Ave. $500,000. Smith, Hinchman & Grylls, 800 Marquette Bldg. Detroit, archts.

Ill., Chicago — APARTMENT — A. H. Quitsow, archt., 228 North La Salle St., taking bids 3 story, English basement, 150 x 176 ft., brick, stone, Touhy and Paulina Aves., for C. Pegeler, 134 North La Salle St. $275,000.

Wis., Milwaukee — OFFICE — Guglers Lithographic Co., 687 Milwaukee St., taking bids 8 story, 90 x 125 ft., brick, steel, Milwaukee and Ogden Sts. $700,000. E. Gugler, 101 Park Ave., New York, archt.

Minn., Minneapolis—BANK and OFFICE—Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., bids about Nov. 7, 16 story, brick, steel for Northwestern Natl. Bank, Marquette Ave. $2,000,000. Noted Apr. 19.

Tex., Beaumont—Nov. 19, by Committee Y.M.C.A., c/o T. N. Whitehurst, chn. building comn., 4 story, part basement, 100 x 125 ft., brick, rein.-con., plain found. $350,000 Tisdale, Stone & Pinson, 1103 Goodhue Bldg., archts. Noted Oct. 18.

Tex., Galveston — OFFICE — American Natl. Insurance Co., care S. Moody, pres., taking bids 11 story, basement, 43 x 84 x 120 ft., rein.-con., steel, plain found. $600,000. A. Fraser, 624 Amer. Insurance Bldg., archt. Noted June 14.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles — CLUB HOUSE — Weston & Weston, archts., 1610 Cosmo St., taking bids 3 story, basement, 80 x 180 ft., rein.-con., Highland Ave., for Hollywood Post of American Legion. $165,000. Noted May 4.

Calif., Los Angeles—HOSPITAL—A. C. Martin, archt., Higgins Bldg., taking bids 4 story, basement, 60 x 140 ft., rein.-con., Glendale Blvd., for Monte Sano Hospital Corp., 3824 Glendale Blvd.

Calif., Sacramento—BANK—See "Contracts Awarded."

Contracts Awarded

N. H., Nashua—HOTEL—The Tavern, c/o J. H. Gile, 19 Main St., altering 5 story, basement, brick, plain found., to C. T. Maxim, 7 Bennett St. Est. $150,000. Noted Oct. 4.

Mass., Boston—SALES and SERVICE—Packard Motor Car Co., A. MacAuley, pres., Grand Blvd., Detroit, 4 story, 95 x 225 ft., steel, rein.-con., limestone addition, plain found., to F. T. Ley & Co., Inc., Statler Bldg., Boston. To exceed $40,000. Noted Sept. 27.

Mass., Cambridge (br. Boston)—APARTMENT — Allen & Shapiro, c/o Blackall, Clapp & Whittemore, archts., 31 West St., Boston, 4 story, basement, 85 x 185 ft., brick, stone, plain found., to Allen Bros., 24 School St., Boston. Est. exceeds $150,000. Noted Oct. 11.

Mass., Lynn—APARTMENT—Palmer & Bartram, 31 Exchange St., 3 story, basement, 40 x 220 ft., brick, plain found., 13 Franklin St., separate contracts. $150,000. B. E. Porter, 73 Tremont St., Boston, archt.

Mass., Milton (br. Boston) — SERVICE and REPAIR GARAGE — M. Greenspan, 161 Devonshire St., Boston, 1 story, rein.-con., brick, steel, plain found., separate contracts. $50,000. Noted June 28.

Mass., Quincy (Ind. br. Boston)—STORE, OFFICE, etc.—Dunbar Contg. Co., D. Siegel, pres., 73 Cornhill, Boston, 3 story, basement, 85 x 105 ft., brick, stone store, office and bowling alleys, plain found., 417-23 Hancock St., Norfolk Downs Sect., separate contracts. $150,000. M. Louis, 73 Cornhill, Boston, archt.

N. Y., Brooklyn — APARTMENT — J. Carner, Inc., 16 Court St., apartments, Nostrand and Farragut Aves., separate contracts. $185,000. M. Rothstein, 186 Joralemon St., archt. Noted Oct. 4.

N. Y., Brooklyn — APARTMENT — Corporation, c/o A. Desposito, 2914 West 33rd St., 6 story, apartment, 92nd St. and Ridge Blvd., to Andesp Building Corp., 2914 West 33rd St. Est. $300,000.

N. Y., Brooklyn—APARTMENT—Witsfield Building Corp., 180 East 7th St., 4 story, 76 x 120 ft., brick, timber, East 94th St. and Foster Ave., separate contracts. $150,000. J. Fein, 1773 Pitkin Ave., archt.

N. Y., Brooklyn — HOSPITAL — Harlow Realty Corp., I. Bloom, pres., 50 Court St., 4 story hospital, Kings Highway and East 26th St., to Chanin Constr. Co., 285 Madison Ave. Est. $200,000. Noted Sept. 20.

N. Y., Flushing — APARTMENT — A. Nicoletti, 26 Court St., 6 story apartment, separate contracts. $350,000. B. Braunstein, 26 Court St., Brooklyn, archt. Noted Oct. 11.

N. Y., Glens Falls—EXCHANGE—New York Telephone Co., 140 West St., New York, 2 story, 60 x 90 ft. exchange, to White Constr. Co., 95 Madison Ave., New York. Est. exceeds $150,000 incl. equipment.

N. Y., Jamaica—CLUB—Jamaica Chamber of Commerce, 10 story club, Harriman Ave., to Kaye Constr. Co., 356 Fulton St., Brooklyn. Est. $500,000. Noted May 31.

N. Y., Long Island City—APARTMENT—Two Hundred Twenty-Five Adelphi Street Corp., 27 Cleveland Court, 6 story, 87 x 150 ft., brick, timber, separate contracts. $175,000. Private plans. Noted Oct. 11.

N. Y., New York—APARTMENT—Central Park Properties, Inc., A. E. Lefcourt, pres., 1351 Bway., 19 story, 200 x 202 ft., brick, steel, to A. E. Lefcourt, 1351 Bway. Est. $4,000,000. Noted Oct. 4.

N. Y., New York—APARTMENT—Corporation, c/o W. Gullman, 119 West 40th St., 19 story apartment, 74th St. and Park Ave., to Bing & Bing, 119 West 40th St. Est. $1,200,000.

N. Y., New York—APARTMENT—P. W. Investment Co., 505 5th Ave., 15 story, 25 x 170 ft., brick, 337 Central Park West, to E. A. Levy Constr. Co., 505 5th Ave. Est. $1,000,000. Noted Oct. 4.

N. Y., New York — APARTMENT — J. Elanes, 386 Bway., 13 story, 25 x 92 ft. apartment, 1 East 88th St., to Ade Building Corp., 386 Bway. Est. $300,000.

N. Y., New York — APARTMENT — One Forty-Nine East 47th St. Corp., T. Crimmins, pres., 734 Lexington Ave., 15 story, 155 x 200 ft., to G. Richard Davis & Co., 10 East 41st St. Est. $1,500,000. Noted Oct. 18.

N. Y., New York—APARTMENT—Two Hundred Thirty-Seven East 20th Street Corp., J. L. Meyers, pres., 175 Lexington Ave., 9 story, 77 x 121 ft. apartment, separate contracts. $450,000. C. B. Meyers, 31 Union Sq., archt. Noted Oct. 11.

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Buildings—Commercial (Continued)

N. Y., New York — APARTMENT and STORAGE — Hoover Realty Corp., C. Kane, pres., 6 story, brick, steel, St. Nicholas Ave. and West 174th St., separate contracts. $175,000.

N. Y., New York — HOTEL — Harby, Abrons & Mellus, 285 Madison Ave., 40 story, 18,000 sq.ft. floor space, brick, steel, 58th St. and 6th Ave., separate contracts. $5,000,000.

N. Y., New York—OFFICE, STORE and LOFT—Five Hundred Thirty 7th Ave. Corp., L. Adler, pres., 550 7th Ave., 30 story, 107 x 146 ft. brick, steel, 528 7th Ave., to Shroder & Koppel, 420 Lexington Ave. Est. $2,500,000. Noted July 4.

N. Y., New York—PUBLISHING PLANT—H. W. Wilson & Co., publishing plant, 162nd St. and University Ave., to White Constr. Co., 95 Madison Ave. Est. exceeds $250,000.

N. J., Camden—STORE—W. T. Grant Co., 455 7th Ave., New York, general contract 2 story, basement, 135 x 140 ft., brick, steel, plain found., to Fearn & Voegtein Co., 233 North 41st St. Est. $150,000. Noted Sept. 20.

N. J., East Orange—APARTMENT—Washington Towers, Inc., 564 Main St., 6 story, basement, brick, steel, plain found., Washington St., separate contracts. $400,000. M. Fischer, 564 Main St., archt. Noted Oct. 25.

N. J., Highland Park—APARTMENT and STORE—Peoples Building Constr. Co., F. Gumina, pres., 1218 Sanford St., New Brunswick, 5 story, basement, 50 x 100 ft., brick, steel, plain found., Raritan and 5th Aves., separate contracts. $175,000. H. G. Bach, 63 Schureman St., New Brunswick, archt. Noted Oct. 18.

N. J., Jersey City—APARTMENT—B. Clott, 129 Stevens Ave., 5 story, basement, 86 x 125 ft., brick, steel, plain found., 115-17 Fairview Ave., separate contracts. $150,000. M. Kraut, 3010 Hudson Blvd., archt. Noted Oct. 25.

N. J., Jersey City—APARTMENT and STORE—Greater New York Housing Corp., J. Richnatz, 1123 Bway., New York, fifteen 3 story, 20 x 75 ft. brick, steel, plain found., Clendinning Ave., Mallory and Roosevelt Sts., separate contracts. $250,000. C. H. Zeigler, 75 Montgomery St., archt. Noted Oct. 4.

N. J., Newark—APARTMENT—A. Lipton, 13 Broad St., Bloomfield, 5 story, basement, 75 x 100 ft., brick, steel, plain found., Franklin St., separate contracts. $150,000. Kasoff & Flatt, 164 Market St., archts. Noted Oct. 25.

N. J., Newark—GARAGE—Clinton Street Garage, Inc., 247 Market St., 7 story, basement, 55 x 120 ft., brick, steel, plain found., 65-67 Clinton St., separate contracts. $200,000. Former bids rejected. G. Jones, 24 Commerce St., archt. Noted Sept. 20.

N. J., New Brunswick — OFFICE and STOREROOM—Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, 2 story, basement, 90 x 158 ft., brick, steel, plain found., Baldwin St. and Railroad Ave., separate contracts. $150,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archts. Noted Oct. 11.

N. J., Passaic — APARTMENT — Penn Prospect Arms, Inc., 2 Lexington Ave., 4 story, basement, 75 x 125 ft., brick, steel, plain found., 32-4 Pennington Ave., separate contracts. $150,000. Preiskel & Skvarla, 2 Lexington Ave., archt. Noted Oct. 11.

N. J., Paterson—GARAGE—R. Atkins, 411 East 41st St., general contract 1 story, basement, 155 x 200 ft., brick, steel, rein.-con., plain found., to G. DeRonde & Sons, Wilson St., Totowa, $150,000. Noted Oct. 4.

N. J., Red Bank — APARTMENT and GARAGE—East Front Street Co., G. Stillman, Eatontown, 4 story, basement, 85 x 100 ft., brick, steel, plain found., East Front St., separate contracts. $175,000. M. Kraut, 3010 Hudson Blvd., Jersey City, archt.

Pa., Pittsburgh—APARTMENT—J. McSorley, 5526 Hobart St., 4 story, basement, 100 x 140 ft., brick, steel, Wightman St., separate contracts. $350,000. J. A. Ferguson, Empire Bldg., archt.

Pa., Pittsburgh — APARTMENT — P. O. Miller, Majestic Bldg., Detroit, Mich., general contract 8 story, basement, brick, steel, Aiken and Center Sts., to H. Miller & Sons Co., 2565 5th Ave. Est. $500,000.

D. C., Wash. — HOSPITAL — Casualty Hospital, J. D. Rogers, pres. Bd. Directors, 4 story addition to Casualty Hospital, 8th and B Sts. N. E., to Wardman Constr. Co., 16th and H Sts. N. W. Est. $200,000. Noted Oct. 25.

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Ga., Milledgeville — HOSPITAL — Trustees Georgia State Sanitarium, 3 story, basement, rein.-con., brick, steel, plain found., to Wagar & Co., Norris Bldg., Atlanta, $283,330. Est. $300,000. Noted Sept. 20.

La., New Orleans—Y. M. C. A. 224 North Rampart St., 2 story, 60 x 230 ft., brick, wood pile found., North Rampart St., to R. P. Farnsworth, Maritime Bldg., $237,515. Noted Mar. 29.

La., Shreveport—APARTMENT—J. B. White, 5616 Gaston St., Dallas, Tex., 3 story, 66 x 106 ft., rein.-con., brick, separate contracts. $160,000. W. I. Cole, 305 Central Bank Bldg., Dallas, Tex., archt. Noted Oct. 4.

Tenn., Memphis — BANK — Hanker & Cairns, archts., 123 South Court St., 3 story, basement, 150 x 150 ft., concrete, granite, steel, concrete pile found., to S. & W. Constr. Co., Shrine Bldg., $800,000. Noted Sept. 27.

O., Cleveland — HOSPITAL — Cleveland Clinic Assn., A. Perkins, secy., East 93rd St. and Euclid Ave., 8 story, basement, 51 x 109 ft., concrete, brick, steel addition, to Lundoff-Bicknell Co., B. F. Keith Bldg. Est. $300,000.

O., Columbus—SAFETY—W. H. Duffy, dir. Service, 5 story, basement, octagon shaped, 17,000 sq.ft. floor space, brick, stone, concrete, to Boyajohn & Barr, 299 South Park St., $598,866. Noted Sept. 13.

Ind., Indianapolis—APARTMENT—Consolidated Building Corp., 730 Knights of Pythias Bldg., general contract 2 story, basement, 40 x 82 ft., brick, steel, stone, 1711 College Ave., to Smith Martin, 1254 West 35th St. Est. $150,000.

Mich., Detroit—OFFICE TERMINAL—Detroit International Bridge Co., 730 21st St., 1 and 2 story, basement, 45 x 175 ft., 20 x 33 ft., 12 x 60 ft., rein.-con., brick, steel, stone, incl. customs office, excise and detention buildings, plain found., to W. E. Wood Co., 1805 Ford Bldg. Est. $150,000. Noted Oct. 4.

Mich., Saginaw — HOTEL — Saginaw Hotels Co., Franklin Hotel, 3 story, 97 x 135 ft., concrete, brick, steel addition, plain found., Genesee St., to Johnston Bromwell, Inc., 250 West Lafayette Ave., Detroit. Est. $150,000.

Ill., Chicago — APARTMENT — H. L. Morse, archt., 155 North Clark St., masonry and carpentry contract 3 story, English basement, 150 x 152 ft., to Wilbur & Lantz, 2555 Morse Ave., for G. Cubely, 4528 North Lincoln St. Est. $200,000. Noted Oct. 4.

Ill., Chicago — APARTMENT — H. L. Morse, archt., 155 North Clark St., masonry and carpentry contract 3 story, English basement, 61 x 165 ft., to L. A. Gorman Co., 38 South Dearborn St. Est. $225,000. Noted Oct. 11.

Ill., Chicago — APARTMENT, STORE and OFFICE—G. D. Bockus & V. A. Hachel, 7554 South Shore Dr., masonry contract 4 story, 110 x 135 ft., brick, 7102-10 Jeffrey Ave., to A. C. Larsen & Son, 7333 South Shore Dr. Est. $350,000.

Ill., Evanston—CAFETERIA—Bd. Educ., general contract 3 story cafeteria addition to school to R. Sollitt & Sons Constr. Co., 228 North La Salle St., Chicago. Est. $200,000. Noted June 21.

Ill., Highland Park — CLUB — R. E. Pingrey & Co., archts., 134 South La Salle St., Chicago, general contract 2 story, brick, steel addition, to B. W. Constr. Co., 720 Cass St., for Exmoor Country Club, 4223 West Lake St., Chicago. Est. $150,000. Noted Oct. 4.

Wis., Beloit — THEATRE, STORE and APARTMENT—Fischer Paramount Theatre, Inc., 36 South State St., Chicago, Ill., 3 story, basement, 130 x 170 ft., brick, stone, rein.-con., to P. J. Lorenz, 506 15th St., Moline, Ill.

Wis., Milwaukee—APARTMENT—Holabird & Root, archts., 333 North Michigan Ave., Chicago, Ill., general contract 15 story, incl. 4 story tower, basement, irregular shaped, East Wells St., to C. F. Haglin & Sons Co., 226 Lumber Exch. Bldg., Minneapolis, Minn., for P. Cudahy Estate, 97 East Wisconsin Ave. Est. $850,000. Noted Aug. 23.

Wis., Milwaukee—BANK—Badger State Bank, Fond du Lac Ave., concrete and masonry contract 2 story, basement, 120 x 132 x 196 ft., brick, plain found., Fond du Lac and North Aves., to W. T. Buchholz Co., 1083 Sherman Blvd. Est. $200,000. Noted Aug. 9.

S. D., Sioux Falls—THEATRE—Eighth Street & Phillips Avenue Building Corp., C. Look, pres., general contract 11 story, basement, 132 x 150 ft., rein.-con., brick, stone, 8th St. and Phillips Ave., to Reliable Constr. & Investment Co., 310 South Michigan Ave., Chicago, Ill. Est. $1,000,000. Noted Aug. 2.

Mo., Kansas City—ORPHANAGE—G[illegible] Orphans Home, 3 story, basement, 8[illegible] 239 ft., rein.-con., brick, 81st St. and W[illegible] nell Rd., to H. H. Fox, 3101 East 30th St. Est. $200,000. Noted Oct. 25.

Mo., Kansas City—TEMPLE—Keene & Simpson, archts., 1105 Land Bank Bldg., and 8 story, basement, 130 x 200 ft., rein.-con., stone, Linwood Blvd., to Swens[illegible] Constr. Co., Shuber Bldg., for Scottish R[illegible] Temple, c/o 3800 State Line. Est. $1,5[illegible]000. Noted Sept. 6.

Ark., Ft. Smith—HOTEL—O. Griffith [illegible] al., c/o M. Boulicault, archt., 1101 Ambass[illegible]dor Bldg., St. Louis, Mo., 11 story, basement, 70 x 150 ft., rein.-con., brick, terra cotta, Garrison Ave. and 6th St., to Glas[illegible]sel Wilson Co., Inc., 919 Texas St., Shreveport, La. Est. $60,000. Noted Sept. 20.

Ark., Little Rock—STORE and OFFIC[illegible] —A. N. McAnich, c/o Southwest Title & Marble Co., North Little Rock, 5 story, 40 x 50 ft., brick, concrete, 321 West 2nd St., to Gordon Walker, Capitol Hill Apartments.

Colo., Denver — COURT HOUSE and CITY HALL — Manager Improvement and Parks, City and Denver Co., 5 story, basement, 273 x 435 ft., granite ,stone, stucco, steel, rein.-con., to Varnum & Bate, 2311 10th St., $4,242,871. Noted Apr. 19.

California—CANTEENS—National Canteen Co., c/o D. Stone, archt., 354 Hobart St., Oakland, seventy 2 story, frame, stucco, in cities along Pacific Coast, to H. Knight, 1819 Franklin St., Oakland, $360,000.

Calif., Calexico — HOTEL — Calexico Hotel Co., 4 story, basement, steel, rein.-con., 3rd and Rockwood Sts., to O'Neil Constr. Co., H. W. Hellman Bldg., Los Angeles, $300,000.

Calif., Los Angeles — APARTMENT — Dimsdale & Maltzman, 609 Union Bank Bldg., 4 story, basement, 60 x 139 ft., timber, brick, 508 South Serrano St., separate contract, $175,000. M. Mattyman, 609 Union Bank Bldg., archt. A. Maltzman, taking sub-bids.

Calif., Los Angeles—APARTMENT—H. J. Fleming, 5 story, basement, 60 x 140 ft., steel, North Fuller Dr., to Gayer Constr. Co., 825 Title Insurance Bldg., $175,000.

Calif., Los Angeles—APARTMENT—W. B. Hess, 426 Merchants Natl. Bank Bldg., 6 story, basement, 93 x 136 ft., steel, rein.-con., Beverley Blvd. and Bonnie Brae St. Owner builds. $300,000.

Calif., Los Angeles — APARTMENT — A. L. Gindling, 3230 Sunset Blvd., 6 story, basement, 50 x 117 ft., steel, tile, rein.-con., 4649 Beverly Blvd., separate contracts, $200,000. Hillier & Sheet, 328 Story Bldg., engrs. and archts. Owner taking sub-bids. Noted Oct. 4.

Calif., Los Angeles — APARTMENT — King & Friedman, 6161 Whitworth Dr., Carthay Center, 4 story, 70 x 125 ft., brick, timber, 9th and Gramercy Pl. Owner builds. $175,000. Private plans. Owner taking sub-trade bids.

Calif., Los Angeles — APARTMENT — Reed & Delbridge, 127 West Santa Barbara Ave., 8 story, basement, 60 x 150 ft., rein.-con., South Wilton Pl., to Davis Constr. Co., 117 West 9th St., $200,000.

Calif., Los Angeles — APARTMENT — A. L. Rouda, 418 Lissner Bldg., 7 story, basement, 60 x 135 ft., rein.-con., South Hobart St., day labor. $200,000.

Calif., Los Angeles—APARTMENT—L. A. Rose, 143 North Plymouth Blvd., 4 story, basement, 60 x 139 ft., stucco, stone, Mariposa St. between 6th St. and Wilkshire Blvd., separate contracts. $175,000. M. Maltzman, 609 Union Bank Bldg., archt.

Calif., Los Angeles—APARTMENT—M. A. Viner, 4214½ West Adams St., 4 story, basement, 50 x 136 ft., brick, tile, 209 South Mariposa. Owner builds. $150,000.

Calif., Los Angeles—STORE and APARTMENT—F. A. Enders, 1633 Cherokee St., 8 story, 50 x 122 ft., rein.-con. Cherokee St., to A. T. Lane, 253 S. Bway., $225,000. Noted Oct. 25.

Calif., Los Angeles—WAREHOUSE—W. B. Hess & Co., 426 Merchants Natl. Bank Bldg., 8 story, 55 x 146 ft., rein.-con., 1020 Santee St., to P. A. Palmer Co., Insurance Exch. Bldg., $225,000.

Calif., Pasadena—APARTMENT—Wallis & Wallis, 953 North Edinburg St., 6 story, basement, 74 x 127 ft., brick, steel, stone, concrete, Pasadena Ave. Owner builds. $176,000. Private plans. Owners taking sub-bids.

Calif., Sacramento — BANK — Bank of Italy, 2 and 3 story, steel, concrete, terra cotta, segregated contracts under supervision H. A. Minton, archt., Bank of Italy, and L. H. Nishkian, engr., 525 Market St., both San Francisco. $200,000. Noted July 26.

Buildings—Commercial (Cont.)

Calif., San Diego—MERCANTILE—Fox Gaynes Investment Co., 4 story, basement, 100 x 100 ft., rein.-con., 6th and Bway. Sts., to Scofield-Twaits Co., Pacific Finance Bldg., Los Angeles, $300,000. Noted June 21.

Calif., Santa Cruz—HOTEL—Santa Cruz Hotel Corp., c/o W. H. Weeks, archt., Hunter-Dulin Bldg., San Francisco, 6 story, basement, concrete, Pacific Ave., to C. N. Swenson, 1256 Washington Ave., San Jose, $300,000. Noted Oct. 25.

B. C., Vancouver—OFFICE—Coast Investment Corp. Ltd., 2 or 4 story, 52 x 120 ft., rein.-con., terra cotta, Pender and Howe Sts., to Carter-Halls-Aldinger Co. Ltd., 500 Beatty St., $150,000-$200,000.

Buildings—Educational, Religious

Proposed Work

N. H., Laconia—CHURCH—St. Joseph's Roman Catholic Church, T. Redding, pastor, plans by J. J. O'Shaughnessy, 80 Boylston St., Boston, Mass., and soon takes bids 1 story, basement, brick, stone, plain found., Church St. $150,000. Noted July 26.

Mass., Allston (sta. Boston)—LIBRARY—City of Boston, Library Dpt., plans library. $125,000-$175,000. Engineer and architect not selected.

Mass., Concord—SCHOOL—R. E. Fenn, Bryant Paine House, private school, Monument St. and Carr Rd. $150,000. Private plans.

Mass., Lynn—HIGH SCHOOL—City, H. S. Gruver, supt. schools, plans by C. I. Betton, 31 Exchange St., Eastern Junior High School, 20 room, brick, steel addition and auditorium, Porter St. $350,000.

Mass., Winchendon—SCHOOL—Town, R. Callahan, chn., new school. $150,000. Engineer and architect not selected.

R. I., Providence — CHURCH — Fourth Baptist Church, A. B. Mercer, pastor, 62 Rochambeau Ave., church, 734 Hope St. $150,000 or more. Engineer and architect selected soon.

R. I., Warwick — SCHOOL — Town, c/o C. Christie, 1044 Main St., West Warwick, 2 story, basement, brick, stone, plain found., Centerville Rd. $150,000. Engineer and architect not selected.

N. Y., Brooklyn—SCHOOLS—Bd. Educ., 500 Park Ave., New York, bids late in November, 4 story, 179 x 235 ft., school, 16th Ave., 42nd and 43rd Sts., $1,500,000; 4 story 179 x 182 ft. Lenox Rd. and East 39th St., $535,000. Noted Oct. 4.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York, plans by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., 4 story, 179 x 183 ft., brick, Avenue S and West 5th St. $880,000.

N. Y., Brooklyn — SYNAGOGUE — Congregation Ahavath Israel of Midwood, Inc., H. Reiss, pres., 1094 East 29th St., plans by Faber & Kalkin, 1746 Pitkin Ave., 1 story, 45 x 90 ft., brick, steel, Avenue K and 29th St. $150,000.

N. J., Bloomfield — VOCATIONAL SCHOOL—Essex Co. Vocational, Bd. Educ., 969 Broad St., Newark, sketches by Guilbert & Betelle, 20 Branford Pl., Newark, 2 story, basement, brick, steel, plain found. $150,000.

N. J., Manville—SCHOOL—Bd. Educ., W. W. French, dist. clk., Anwell Rd., Bloomingdale, plans by A. Merchant, 52 Paterson St., New Brunswick. 2 story, basement, brick, steel, plain found. $150,000. Noted Oct. 25.

N. J., Millburn—HIGH SCHOOL—Bd. Educ., Township Hall, sketches by Guilbert & Betelle, 20 Branford Pl., Newark, 2 story, brick, steel addition, plain found., Old Short Hills Rd. $175,000. Noted July 5.

Del., Harrington — SCHOOL — Delaware School Foundation, A. J. Taylor, vice.-pres., Du Pont Bldg., Wilmington, plans by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., 2 story, basement, brick, steel elementary and high school, plain found. $200,000. Noted Oct. 25.

Del., New Castle—HIGH SCHOOL—Bd. Educ., Delaware School Foundation, A. J. Taylor, vice pres., Du Pont Bldg., Wilmington, plans by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., Junior and Senior High School, 2 story, basement, brick, steel, plain found. $250,000. Noted Oct. 18.

N. C., Winston-Salem — CHURCH — Centenary-West End Methodist Church, plans church. $1,000,000.

Ga., Atlanta—SUNDAY SCHOOL—First Presbyterian Church, F. M. Inman, chn. building comn., plans by A. Ten Eyck Brown, Forsyth Bldg., and bids about Dec. 15, 4 story, rein.-con., Sunday school and new tower. $150,000. A. Barili, Jr., Forsyth Bldg., assoc. archt. H. Upjohn, Grand Central Terminal, New York, consult. archt.

Miss., Columbus—SCHOOL ECONOMICS and DORMITORY—Mississippi State College for Women, c/o Mississippi State Building Comn., Jackson, W. C. Trotter, secy., soon takes bids 2 and 3 story, rein.-con., brick, stone. $550,000. C. H. Lindsley, Lamar Life Bldg., Jackson, archt. Noted June 28.

Ind., South Bend — CHURCH and SCHOOL—Holy Cross Catholic Church, plans by C. E. Miller, 210 Union Trust Bldg., 2 story, 132 x 162 ft., rein.-con., brick, stone, Wilber St. near Vassar St. $150,000.

Ill., Blue Island—SCHOOL—Bd. Educ. sketches by Perkins, Chatten & Hammond, 160 North La Salle St., Chicago, 2 story, basement, brick addition, Maple and High Sts. $350,000.

Ia., Cedar Rapids — GYMNASIUM — Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., Chicago, Ill., soon lets contract 2 story, basement, 144 x 246 ft., brick, steeel, stone, for Coe College. $250,000. Noted Aug. 23.

Mo., St. Louis — CHURCH, SUNDAY SCHOOL and APARTMENT — Parkview Christian Church, c/o B. L. Morris, pastor, 3936 Fairview Ave., bids early in 1929, 10 story, basement, 100 x 150 ft., rein.-con., brick, stone, terra cotta, 2801 South Kingshighway. $750,000. Klingenschmidt & Wilkins, 1217 Louderman Bldg., archts.

Mo., St. Louis — HOME FOR AGED — Lutheran Altenheim, 1906 Lafayette Ave., bids in spring 3 story, rein.-con., brick, stone, Hall's Ferry Rd. near Bway. $150,000. T. P. Barnett Co., Arcade Bldg., archt. Noted July 5.

Calif., Burbank—BIBLE INSTITUTE—Christian Church, c/o E. De Vore, 124 West 6th St., Los Angeles, campaign $1,000,000, bible institute, on 10 acre site, Country Club Blvd. and Walnut Ave. Site donated. Engineer and architect not selected.

Calif., Chico—SCHOOL—State Building Comn., Sacramento, soon takes bids 2 story, 75 x 320 ft., brick, timber, rein.-con. administration building, State Teachers College. $35,000. G. B. McDougal, Sacramento, state archt.

Calif., Los Angeles—HIGH SCHOOLS—Los Angeles School Dist., plans by E. H. Cline, Petroleum Securities Bldg., 63 x 138 ft. classroom building, one 60 x 135 ft. shop building, incl. mechanical work shop and woodworking department, both rein.-con., North Record St. $150,000.

Calif., San Francisco—COMMUNITY—Jewish Community Center, S. M. Ehrman, in charge, Nevada Bank Bldg., fireproof community building. $500,000. P. Bush, 101 California St., engr.

Ont., Toronto—EXHIBITION—Canadian Natl. Exhibition, Lumsden Bldg., 1 and 2 story, rein.-con., brick, steel, plain found., Exhibition Park. $1,000,000. Engineer and architect not selected.

Bids Desired

Vt., Burlington—SCHOOL—St. Joseph's Roman Catholic Church, N. Proulx, pastor, taking bids 3 story, basement, 140 x 160 ft., brick, stone, plain found., Allen St. To exceed $150,000. F. L. Austin, 240 College St., archt. Noted Sept. 20.

Mass., Medford (br. Boston)—CHURCH—Nov. 5, by Ripley & Le Boutiller, archts., 45 Bromfield St., Boston 1 story, basement, 70 x 160 ft., Fellsway, for St. Francis of Assisi Roman Catholic Church, T. J. Goldberg, pastor.

N. Y., New York—SCHOOL—Nov. 8, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 104, Shakespeare Ave. and West 172nd St., for Bd. Educ., 500 Park Ave. Noted Oct. 11.

N. J., Blairstown—SCHOOL—Nov. 8, by Bd. Educ., Blairstown Twp., R. R. Blair, dist. clk., at Hose House, 2 story, basement, brick, rein.-con. high and grade school. J. J. Vreeland, Dover, engr. Noted Sept. 27.

N. J., Bloomingdale—SCHOOL—Nov. 5, by Bd. Educ., W. W. French, dist. clk., Anwell Rd., 2 story, basement, brick, steel, plain found., Anwell Rd. $150,000. A. Merchant, 52 Paterson St., New Brunswick, archt.

N. J., Cliffside—SCHOOL—Bd. Educ., Palisade Ave., bids about Nov. 15, 2 story, basement, rein.-con., brick, steel, plain found., West Grantwood Sect. $350,000. R. J. Cadien, 545 Gorge Rd., Grantwood, archt. J. N. Pierson, 198 Jefferson Ave., Perth Amboy, assoc. archt. Noted July 19.

N. J., Dunellen — SCHOOL — Bd. Educ., Old New Market Rd., bids about Nov. 15, on revised plans 3 story, basement, 90 x 160 ft., brick, steel, plain found., 1st St. and Lincoln Ave. $200,000. A. M. Korff, 203 Park Ave., Plainfield, archt. Noted Oct. 11.

N. J., Little Ferry—SCHOOL—Bd. Educ., Main St., bids about Nov. 15, 2 story, basement, brick, steel addition to Washington School, plain found. $150,000. Hacker & Hacker, Fort Lee Trust Bldg., Fort Lee, archt. Noted Aug. 23.

N. J., Livingston—SCHOOL—Nov. 7, by Bd. Educ., Central School, general contract 2 story, basement, 62 x 162 ft., rein.-con., brick, steel, plain found., Livingston Ave. $150,000. Guilbert & Betelle, 20 Branford Pl., Newark, archts.

N. J., Newark — CHURCH — F. K. Koengsberger, archt., 48 Walnut St., bids about Dec. 1, general contract 1 story, basement, brick, steel, plain found., 14th St. and Avon Ave., for Czecko Slovak Lutheran Church of Holy Trinity. $150,000. Noted Aug. 16.

N. J., Paterson—SYNAGOGUE—Nov. 14 by F. W. Wentworth, archt., 140 Market St., 2 story, basement, brick, steel, plain found., Bway and 33rd Ave., for Temple Emanuel. $150,000. Noted Sept. 20.

N. J., Trenton — HIGH SCHOOL — Bd. Educ., City Hall, bids about Feb. 1, Central Senior High School, 2 story, basement, brick, steel, plain found., Chambers and Hamilton Aves. $3,000,000. E. Sibley, Bluff Rd., Palisade, archt. Noted June 14.

N. J., West Orange—SCHOOL—Bd. Educ., Northfield Ave., bids about Nov. 15, 2 story, basement, brick, steel, plain found., Northfield Rd. and Sheridan Ave. $150,000. Hacker & Hacker, Fort Lee Trust Bldg., Fort Lee, archts. Noted Sept. 6.

Pa., Lancaster — LABORATORY — Nov. 14, by C. Z. Klauder, archt., 1429 Walnut St., 3 story, basement, 50 x 159 ft., rein.-con., brick, steel, plain found., campus, for Franklin & Marshall College. $250,000.

Miss., Starkville—COLLEGE—Nov. 22, by C. H. Lindsley, archt., Lamar Life Bldg., Jackson, 4 story, 55 x 136 ft. experiment station, 3 story, 63 x 207 ft. boys dormitory with 1 story, 62 x 98 ft. service wing, 3 story, 63 x 190 ft. agricultural building, all rein.-con., brick, tile, terra cotta, for Mississippi Agricultural & Mechanical College, c/o Mississippi State Building Comn., Jackson, W. C. Trotter, secy. Noted Oct. 11.

La., Independence — HIGH SCHOOL — Tangipahoa Parish School Bd., c/o W. J. Dunn, supt., Amite, bids about Nov. 10, 2 story, rein.-con., brick, stone high school. $150,000. R. H. Goodman, Bank of Baton Rouge, Baton Rouge, archt. Noted Sept. 27.

D. C., Wash. — GYMNASIUM-ASSEMBLY HALL — Nov. 2, by District Comrs., District Bldg. combination gymnasium and assembly hall, and 12 room school.

Mich., Detroit — CONVENT — J. W. C'Connor, archt., 162 East 37th St., New York, taking bids and open same about Nov. 1, 3 story, basement, 45 x 200 ft., rein.-con., plain found., Santa Marie Ave., for Societe Marie Reportrie, 69 Burlingame Ave.

Mich., Flint—SCHOOL—Nov. 7, by H. L. Hills, bus. mgr. Bd. Educ., 2 story, basement, rein.-con., brick, plain found., incl. 17 class rooms, gymnasium, Van Buren Ave. $250,000. Malcolmson & Higginbotham, 1219 Griswold St., Detroit, archts.

Ill., Des Plaines—HIGH SCHOOL—Bd. Educ. School Dist. 207, bids about Nov. 8, 3 story, basement, irregular sized, brick, stone, incl. gymnasium, Dempster St. and Potter Rd. $700,000. J. D. Chubb, 109 North Dearborn St., Chicago, archt.

Mo., Maplewood (br. St. Louis)—HIGH SCHOOL—Bd. Educ., J. J. Bridell, pres., 7415 Flora St., bids about Nov. 24, 2 story, basement, rein.-con., brick, stone, high school. $195,000. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted July 26.

Mo., St. Louis—VOCATIONAL SCHOOL—Bd. Educ., 911 Locust St., bids about Feb. 1, (1st unit) vocational school 5 story, basement, rein.-con., brick, stone, steel, Grand Blvd. $1,500,000. Total $3,250,000. R. M. Milligan, c/o Bd. Educ., engr. and archt. Noted Apr. 26.

Mo., University (br. St. Louis)—HIGH SCHOOL—Bd. Educ., A. Fairbank, pres. Bd. Educ., bids about Nov. 15 (1st unit), 3 story, basement, rein.-con., brick, stone, terra cotta, Jackson Rd., Dorsett and Shaftsbury Sts. $550,000. Total $1,000,000. Ferrand & Fitch, 6188 Delmar Blvd., and Trueblood & Graf, 1517 Chemical Bldg., St. Louis, archts. Noted Sept. 13.

Tex., Beaumont—HIGH SCHOOL—Nov. 12, by Bd. Educ., M. E. Moore, pres., Weiss Bldg., 3 story, 164 x 323 ft. high school, and 1 story, 89 x 107 ft. gymnasium, brick, steel. $900,000. F. W. Steinman & Son, 410 San Jacinto Life Bldg., archts. Noted Oct. 18.

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Buildings—Educational, Religious (Cont.)

Tex., Waco—DORMITORY—Baylor University, c/o S. P. Brooks, pres., bids about Jan. 1, 4 story, part basement, brick, rein.-con., plain found. $350,000. B. D. Easterbrook, 614 Liberty Bank Bldg., archt. H. L. Spicer, Amicable Bldg., engr. Noted Oct. 18.

Calif., San Francisco—REST HOME—H. H. Gutterson, archt., 526 Powell St., taking bids 4 and 5 story, Class "A," 19th Ave. and Sloat Blvd., for Christian Scientist Benevolent Assn., c/o architect. $1,000,000.

Contracts Awarded

Mass., Winchester—SCHOOL—Town, Superintendent Schools, 83 Church St., altering and constructing 2 story, basement, brick addition, plain found., to Frankini Bros. Co., 30 Mystic Ave., Medford. Est. $150,000. Noted Oct. 4.

N. Y., New York—SCHOOL—Bd. Educ., 500 Park Ave., general contract P.S. 92, to E. Waters & Co., Inc., 1482 Bway., $628,950. Noted Oct. 18.

N. Y., Tompkinsville (sta. Staten Island)—COLLEGE—Wagner College, 631 Serpentine Rd., college, to O. F. Koehler, 75 Cebra St. Noted Sept. 6.

Pa., Aspinwall (mail Pittsburgh)—GYMNASIUM—Shadyside Academy Pittsburgh, general contract 2 story, brick, steel, Fox Chapel Rd., to Cuthbert Bros., Bessemer Bldg., Pittsburgh. Est. $150,000.

Pa., Rochester—CHURCH and SUNDAY SCHOOL — First Methodist Episcopal Church, general contract 2 story, basement church and Sunday school, to Cook Anderson Co., Beaver. Est. $150,000.

Md., Easton—HIGH SCHOOL—H. P. Hopkins, archt., 317 North Charles St., Baltimore, 2 story, basement, 89 x 212 ft., brick, steel, to C. E. Brohawn, Cambridge, for Talbot Co. School Com.

Miss., Oxford—DORMITORIES—University of Mississippi, c/o Mississippi State Building Comn., Jackson, general contract two 3 story, one 33 x 88 ft., other 40 x 109 ft., concrete, brick, to Ester-Reed Co., Jackson. Est. $430,000. Noted Jan. 25.

Ind., Hammond—SCHOOL—St. Joseph Catholic Church general contract 3 story, 80 x 100 ft., rein.-con., brick, Clinton St., to H. B. Olney, 1200 East Chicago Ave., East Chicago. Est. $150,000.

Ind., Rushville — SCHOOL — School Comrs., general contract 2 story, basement, 105 x 160 ft., brick, steel, to C. E. Cooper, Odon. Est. $150,000.

Mich., Detroit—SCHOOL—C. A. Gadd, bus. mgr. Bd. Educ., 1354 Broadway Ave., 2 story, basement, 114 x 174 ft., rein.-con., brick, steel, plain found., to W. H. Mueller Co., 2111 Woodward Ave. $190,980. Noted Sept. 20.

Mich., Detroit—SYNAGOGUE—Kohner & Payne, archts., 404 Kresge Bldg., 2 story, basement, 95 x 120 ft., rein.-con., brick, steel, plain found., to Lerner Sobel Co., 510 Book Bldg., for Congregation B. Nai Moshe, 3709 Fullerton Ave. Est. $150,000. Noted July 12.

Kan., Topeka — HIGH SCHOOL — Bd. Educ., general contract 2 story, basement, 105 x 157 ft., rein.-con., brick, stone, Tyler and West Euclid Sts., South Topeka, to J. M. Leeper, 111 East 21st St.; heating and plumbing, to W. F. Sheahan, 117 East 8th St., $27,460.

Tex., Houston — SCHOOL — Houston School Dist., for San Jacinto School, 3 story, to West & Jansen, 2nd Natl. Bank Bldg., $182,450.

Ont., Walkerville—SCHOOL—School Bd., Equity Chambers, general contract 2 story, brick, steel, incl. 14 class rooms, manual training departments, gymnasium, science laboratory, to N. R. Ibbetson Constr. Co., 9 Wyandotte St., $169,000; heating and plumbing, to C. Greenan, 210 Windsor St., Windsor, $45,640. Noted July 5.

Federal Government Work

Proposed Work

Md., Annapolis—TURBO-GENERATOR, etc.—Spec. 5629—Bureau Yards & Docks, Navy Dpt., Wash., D. C., turbo-generator and auxiliary equipment at Naval Academy.

Pa., Pittsburgh—DAM—U. S. Engineer Office emergency dam, for 110 ft., lock at Deadman's Island, Ohio River.

Ga., Fort McPherson (sta. Atlanta)—SWIMMING POOL—Constructing Quartermaster swimming pool.

Calif., Oakland — DREDGING — U. S. Engineer Office, San Francisco, 476,000 cu.yd. in Oakland Harbor.

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C. Z., Fort Clayton—BUNK HOUSE, etc.—Commanding General Panama Canal Dpt. bunk house and band practice room.

Bids Desired

N. Y., Syracuse — STORAGE ROOM — Nov. 6, by Treas. Dpt., at office Supervising Archt., Wash., D. C., internal revenue storage room, at U. S. Post office and Court House.

Pa., Lancaster — POST OFFICE — Nov. 26, by Treas. Dpt., at office Supervising Archt., Wash., D. C., 2 story, basement post office.

Delaware and Maryland—DOLPHINS, etc.—Nov. 26, by U. S. Engineer Office, Wilmington, Del., mooring dolphins and boardwalks along Inland Waterway from Delaware River to Chesapeake Bay, (Chesapeake and Delaware Canal); adv. E. N.-R. Nov. 1.

D. C., Wash.—ROAD—Nov. 8, by Bureau Pub. Rds., Dpt. Agriculture, grading Strawberry Creek-Borth Fork Sect. Route 72, Idyllwild Natl. Forest Hy.

D. C., Wash.—TENDER—Nov. 15, by Superintendent of Lighthouses, constructing tender "Althea" and machinery.

Va., Danville — WALKS — Nov. 8, by Quartermaster, Supply Dpt., Wash., D. C., concrete walks, graveling existing driveway and walk at U. S. Cemetery.

Va., Hopewell—WALKS, etc.—Nov. 8, by Quartermaster Supply Officer, Wash., D. C., concrete walks, graveling existing walks at City Point National Cemetery.

Fla., Jupiter—BULKHEAD—Spec. 5703—Nov. 14, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., repairing bulkhead at Naval Radio Station.

Fla., Pensacola—BRIDGE—Dec. 5, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., 1,800 ft. bridge, 25 ft., between here and U. S. Naval Air Station.

Ind., Anderson—EXTENSION—Nov. 30, by Treas. Dpt., at office Supervising Archt., Wash., D. C., extension, remodeling at U. S. Post Office; adv. E. N.-R. Nov. 1.

Mich., Detroit—GENERATORS—Nov. 6, by Superintendent of Lighthouses, 3760 East Jefferson Ave., five to ten 3 kw. oil engine driven electric generators.

Colo., Denver—RADIAL GATES, etc.—Nov. 17, by Bureau Reclamation, 2 each radial gates, radial gate hoists, c.i. gates, geared gate hoists, and c.i. stem guides.

California—ROAD—Nov. 8, by C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., Sheldon Bldg., San Francisco, grading 1.85 mi. Strawbery Creek-North Fork Sect. Route 72, Natl. Forest Hy., Riverside Co.

Bids Received

Virginia and North Carolina — DREDGING — U. S. Engineers Office, Norfolk, Va., Oct. 18, 2,813,250 cu.yd. Pamlico River-Bay River Sect., Inland Waterway, from Norfolk, Va. to Beaufort Inlet, N. C., from Arundel Corp., Pier 2, Pratt St., Baltimore, Md., at $0.984 per cu.yd. Noted Sept. 20.

Minn., St. Cloud — BOILERS — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Oct. 23, 4 horizontal return tubular boilers from Continental Constr. Co., Fort Dodge, Ia., $9,800 (10-75 days).

S. D., Mitchell—POST OFFICE—Treas. Dpt., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, (supplemental opening), from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., add $100. Noted Aug. 30.

Wyoming — ROAD — Bureau Pub. Rds., Custom House, Denver, Colo., Oct. 9, grading, 3.91 mi. Granite Creek-Shell Project, Sect. B, National Forest Rd., Big Horn Co., from Taggart Constr. Co., Cody, $56,785. Noted Sept. 27.

Colo., Denver — ROAD — Bureau Pub. Rds., Custom House, constructing, improving North and South Highway Project, Sect. A, Natl. Forest Rd. Project, from S. L. Smith, Gering, Neb., $48,899.

New Mexico—ROAD—Bureau Pub. Rds., Custom House, Denver, Colo., Oct. 1, constructing, improving Datil-Reserve-Dry Creek Rd., Sect. G, Natl. Forest Rd. Project, from F. O. Schufflebarger, Albuquerque, $90,180.

Contracts Awarded

Mass., Camp Devons (br. Boston)—BARRACKS—Constructing Quartermaster, Infantry barracks, to J. E. Dyer Constr. Co., 80 Boylston St., Boston, $267,000. Noted Oct. 25.

N. Y., New York — DREDGING and ROCK REMOVAL — U. S. Engineer Office, Army Bldg., 39 Whitehall St., dredging in Hell Gate Channel, to Arundel Corp., foot Fulton St., Brooklyn, $1,160,135; in East River to Great Lakes Dredge & Dock Co., 17 Battery Pl., $565,582. Noted Oct. 4.

Delaware and Maryland—DREDGI[illegible]—U. S. Engineer Office, Wilmington, [illegible], Reedy Point Entrance, to Chesapeake [illegible] Delaware Canal, to Atlantic, Gulf & Pacific Co., 13 Park Row, New York, $1[illegible]. Noted Sept. 27.

Va., Norfolk — CONCRETE ROAD[illegible]—Spec. 5665—Bureau Yards & Docks, Navy Dpt., Wash., D. C., at Naval Hospital to E. P. Lindsay, Portsmouth, $8,343 [illegible] days). Noted Oct. 4.

Tenn., Memphis—POST OFFICE—Treas. Dpt., at office Supervising Archt., Wash., D. C., addition, to Devault & Detrick, Missillon Rd., $121,990 (365 days). Noted Oct. 18.

Colo., Denver—NEEDLE VALVES—Bureau Reclamation, balanced needle valves for Salt Lake Basin, Sun River Projects and U. S. Indian Service, to Omaha Steel Wks., 4802 Leavenworth St., Omaha, Neb., $49,350.

Calif., San Diego—AIRPLANE RUNWAY—Spec. 5758—Bureau Yards & Docks, Navy Dpt., Wash., D. C., at Naval Air Station, to G. W. Cushing, 3564 33rd St., $20,000 (90 days).

Unclassified

Proposed Work

AIRSHIP HANGARS—**Boston, Mass.**—City, Park Dpt., sketches two or more 1 story, 80 x 235 ft. concrete, steel truss hangars, Jeffries Point, East Boston. To exceed $25,000. W. D. Austin, 120 Boylston St., engr.

BLEACHERS — **Boston, Mass.** — City, Park Dpt., sketches concrete bleachers, Back Bay Fens. $25,000 or more. Private plans.

TENNIS COURT — **Brookline** (br. Boston), **Mass.**—Brookline Country Club 110 x 130 ft. indoor tennis courts, 40 ft. high. $60,000. G. Hadden, 607 5th Ave., New York, engr.

RECREATION FIELD—**Mansfield, Mass.**—Town, L. L. Woods, supt. schools, recreation field. $25,000. Engineer not selected.

GAS DISTRIBUTION MAIN—**New York**—New York Power & Light Corp., subsidiary Mohawk Hudson Power Corp., 126 State St., Albany, constructing, extending gas distribution main from Schenectady to Saratoga Springs. $195,000.

TRANSMISSION LINES, etc. — **New York**—New York Power & Light Corp., subsidiary Mohawk Hudson Power Corp., 126 State St., Albany, 54 mi. transmission line through Fenner, Cazenovia, Nelson, Cuyler, Truxton, Homer, Cortlandville, Virgil, Fabius, $572,000; also sub-station near Cortland, $266,400.

PLAYGROUND—**Brooklyn, N. Y.**—Bd. Educ., 500 Park Ave., New York, grading, concrete work, playground, Remsen Ave. and Glenwood Rd. $35,000. A. W. Ross, 131 Livingston St., archt.

GRADE CROSSING ELIMINATION — **Central Square, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating Plank Road crossing by constructing 329 ft. overhead bridge. $160,000.

GRADE CROSSING ELIMINATION — **East Bethany, N. Y.** — Delaware, Lackawanna & Western R.R., 90 West St., New York, G. J. Ray, ch. engr., Hoboken, N. J., eliminating Pavilion-Batavia crossing by carrying grade of highway under tracks, east of here. $166,200.

GRADE CROSSING ELIMINATION — **Fair Oaks, N. Y.**—New York, Ontario & Western R.R. Co., W. C. Heidenthal, ch. engr., Middletown, elevating highway for grade crossing elimination, 1 mi. south here. $68,000.

GRADE CROSSING ELIMINATION — **Le Roy, N. Y.**—Buffalo, Rochester & Pittsburgh R.R. Co., E. F. Robinson, ch. engr., Rochester, grade crossing elimination, West Main St. $210,000.

GRADE CROSSING ELIMINATION—**Maple View, N. Y.** — New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating grade crossing by constructing 187 ft. overhead structure at Colosse crossing, 2 mi. south of here. $132,000.

GRADE CROSSING ELIMINATION — **Natural Bridge, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating grade crossing by constructing 85 ft. overhead crossing on unimproved road, 1 mi. north of here.

SWIMMING POOL—**New York, N. Y.**—Castle Hill Estates, Inc., J. P. Day, pres., 67 Liberty St., 75 x 100 ft. concrete swimming pool, Castle Hill and Norton Aves. $251,000. C. Cohen, 470 East Tremont Ave., archt.

Unclassified (Continued)

GRADE CROSSING ELIMINATION — **Odessa, N. Y.**—Dpt. Pub. Wks., Albany, eliminating Montour Falls-Alpine Hy. grade crossing over Lehigh Valley R.R., near here. $50,000.

GRADE CROSSING ELIMINATION — **Oneonta, N. Y.** — Delaware & Hudson R.R. Co. J. McMartin, ch. engr., Albany, eliminating West Oneonta Rd. to Glen Bridge Crossing, Pony Farm and Crandell Crossings, south of here. $200,000.

GRADE CROSSING ELIMINATION — **Poland, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating Poland-Trenton highway crossing, north of here. $113,000.

GRADE CROSSING ELIMINATION — **Portageville, N. Y.** — Pennsylvania R.R. Co., T. J. Skillman, ch. engr., Broad Street Sta., Phila., Pa., eliminating grade crossing on Castille Hy. near here. $98,000.

GRADE CROSSING ELIMINATION — **Rockville, N. Y.** — Erie R.R. Co., R. C. Falconer, ch. engr., 50 Church St., New York, and Pennsylvania R.R. Co., T. J. Skillman, ch. engr., Broad Street Sta., Phila., Pa., eliminating grade crossing by constructing overhead traffic bridge between Black Creek and Belfast. $162,000.

GRADE CROSSING ELIMINATION — **Savona, N. Y.**—Delaware, Lackawanna & Western R.R., G. J. Ray, ch. engr., Hoboken, N. J., eliminating Shavers crossing by constructing overhead crossing on Campbell-Bath State Hy. $170,000.

GRADE CROSSING ELIMINATION — **Unadilla, N. Y.**—Delaware & Hudson R.R. Co., J. MacMartin, ch. engr., 32 Nassau St., New York, eliminating grade crossing, 2¼ mi. north of here. $124,000.

GRADE CROSSING ELIMINATION — **Utica, N. Y.**—New York Central R.R., 466 Lexington Ave., New York, F. B. Freeman, ch. engr., eliminating grade crossing by constructing 120 ft. bridge, on West Schuyler-Dike Rd., 3¼ mi. east of here. $89,300.

GRADE CROSSING ELIMINATION — **Valhalla, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., 466 Lexington Ave., New York, eliminating grade crossing by constructing overhead bridge near station.

GRADE CROSSING ELIMINATION — **Valley Stream, N. Y.**—Long Island R.R. Co., A. C. Watson, ch. engr., Jamaica, eliminating Scranton Ave. crossing. $590,000.

GRADE CROSSING ELIMINATION — **Vestal, N. Y.**—Delaware, Lackawanna & Western R.R. Co., G. J. Ray, ch. engr., Hoboken, N. J., eliminating Bridge St. crossing. $189,000.

GRADE CROSSING ELIMINATION — **Williamsville, N. Y.**—Lehigh Valley R.R. Co., G. T. Hand, ch. engr., 143 Liberty St., New York, eliminating grade crossing by constructing 3 span 115 ft. bridge on concrete or steel bents and concrete abutments, on Wehrle Dr., south of here.

RETAINING WALL—**New Jersey**—Bd. Freeholders Hudson Co., Court House, Jersey City, preliminary plans retaining wall along Hudson County Blvd. from Hamilton Ave., Weehawken to Hudson Co. Park, North Bergen. $94,190. F. J. Radigan, Court House, co. engr.

TANK, etc.—**Bayonne, N. J.**—Petroleum Terminal Corp., West 1st St., metal tank and pipe stills, Avenue A and West 1st St. $100,000. Private plans.

TANKS—**Bayonne, N. J.**—Tidewater Oil Co., Constable Hook, sketches 19 storage oil tanks, pipe stills, Constable Hook. $150,000. Private plans.

AIRCRAFT HANGARS—**Camden, N. J.**—Amer. Brown Boveri Electric Co., Bway. and Fairview Sts., C. Pagon, in charge, aircraft hangars. $1,000,000. Private plans.

ATHLETIC FIELD, etc.—**Cliffside Park, N. J.**—Bd. Educ., Palisade Ave., athletic field, incl. grandstand, equipment in rear of high school. $50,000. Engineer not selected.

AIRPORT and HANGARS — **Pensauken** (mail Merchantville), **N. J.**—Central Airport, Inc., c/o C. T. Ludington, Atlantic Bldg., Phila., Pa., airport and hangars. $150,000.

STADIUM—**Canton, O.**—Bd. Control soon takes bids concrete stadium, 6th St. and Schroyer Ave. $125,000. C. E. Firestone, Renkert Bldg., archt. Noted June 7.

GRADE SEPARATIONS — **Royal Oak** (Ind. br. Detroit), **Mich.** — City and Grand Trunk Ry., J. A. Heaman, ch. engr., 400 East Jefferson Ave., Detroit, 15 grade separations, constructing rein.-con., steel girder bridges over highways. E. M. Shafter, ctiy engr.

RADIO STATION—**Downers Grove, Ill.**—M. F. Strauch, 800 West North Ave., Chicago, soon takes bids radio station, for A. F. of L., 623 Wabash Ave., Chicago. $350,000.

TURBINES, GENERATOR, etc.—**Paris, Ark.**—City, G. A. Hall, mayor, bids latter part November, turbines, generator and water tube boiler in power plant. $50,000. E. Evenson, Paris, engr.

HIGH LINE—**Texas**—Gulf States Utilities Co., Beaumont, 40 mi. high line from Conroe to Navasota, also sub-station at Conroe, $70,000. Private plans.

OIL PIPE LINE, etc.—**Texas**—Roxana Petroleum Co., City Natl. Bank Bldg., San Antonio, new surveys 460 mi. 10 in. electrically welded oil pipe line from point in West Texas near Pecos to Houston, $8,000,000; 35,000 bbl. refinery plant on channel near Harrisburg, $400,000 incl. equipment. Private plans. Noted May 10.

NATURAL GAS SYSTEM — **Oklahoma**—Taylor-Esterling Co., Kennedy Bldg., Tulsa, granted franchise natural gas systems in Binger, Duke, Olustee, Snyder and Verden. $125,000. Private plans.

AIR PORT — **Elk City, Okla.** — Preliminary plans air port, hangar. $50,000. Engineer not selected.

PILE CAR FERRY SLIP — **San Francisco, Calif.** — State Bd. Harbor Comrs., creosoted pile car ferry slip with machinery at outer end Pier 45. $90,000 incl. machinery. F. G. White, Ferry Bldg., ch. engr.

AIR PORT—**Brockville, Ont.**—Thousand Island Flying Club air port. $150,000.

Bids Desired

SWIMMING POOL, etc.—**Boston, Mass.**—See "Contracts Awarded."

REFRIGERATION WORK — **Brooklyn, N. Y.** — Nov. 21, by Commissioner Dpt. Mental Hygiene, Capitol, Albany, refrigeration work, new compressor at Brooklyn State Hospital; adv. E. N.-R. Nov. 1.

SUBWAY—**Brooklyn, N. Y.**—Nov. 13, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, constructing Sect. 5-A, Route 109, Rapid Transit R.R.

STEAMSHIPS—**New York, N. Y.**—Nov. 5, by Export Steamship Corp., 25 Bway., H. Hebermann, pres., 4 steamships, 450 ft. long, each 9,500 tons deadweight.

TIES—**New York, N. Y.**—Nov. 13, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., treated and untreated ties and contact rail protection boards (Order 10) for use in construction Rapid Transit R.R.

STATION FINISH—**New York, N. Y.**—Nov. 7, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., station finish for 81st St.—Museum of Natural History, 86th, 96th, and 103rd and 110th St.—Cathedral Parkway Stations Rapid Transit R.R.

SWIMMING POOL — **Belmar, N. J.** — C. B. Cook, archt., Asbury Park Trust Bldg., Asbury Park, taking bids 2 story, 170 x 184 ft. swimming pool, bath house, Ocean and 5th Aves., for Belmar Ultra Violet Swimming Pool Corp. $300,000. Noted July 5.

TRAFFIC LIGHTS — **Paterson, N. J.** — Nov. 5, Bd. Pub. Wks., City Hall, new traffic lighting system. $85,000. H. J. Harder, Jr., city engr.

ELECTRIC LAMPS—**Phila., Pa.**—Nov. 3, by Dpt. Safety, Electrical Bureau, H. C Davis, dir., 215 City Hall, electric lamps, lighting, extinguishing, maintaining same for streets, avenues, boulevards, parks, wharves, public places from Jan. 1 to Dec. 31, 1929.

GAS PIPE LINE — **Texas** — See "Contracts Awarded."

CAUSEWAY — **San Diego, Calif.** — Nov. 19, by Common Council, causeway over Mission Bay, Job known as A. & I. Dist. 1. $633,096. P. R. Watson, engr. work. A. H. Wright, city clk. Noted Sept. 13.

Bids Received

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Oct. 26, constructing Route 109, Sect. 6, under Prospect Park Ave., from Rodgers & Haggerty, Inc., Grand Central Terminal, New York, $2,679,408. Noted Oct. 18.

Contracts Awarded

SWIMMING POOL, etc.—**Boston, Mass.**—Mikvah Israel Assn., L. Simpson, pres., 79 Wildwood Ave., 2 story, rein.-con., steel, tile, stucco swimming pool, incl. baths, dressing rooms, separate contracts. $40,000. M. E. Levy, 43 Tremont St., archt.

COAL POCKETS—**East Boston** (sta. Boston), **Mass.**—City Fuel Co., 165 Congress St., Boston, coal pockets, timber, steel 212 Border St., to J. H. Proctor Co., Inc., 250 Stuart St., Boston. Est. $30,000.

WHARF REPAIRS—**South Boston** (sta. Boston), **Mass.**—American Sugar Refining Co., 131 State St., Boston, repairing wharf near Granite St., to Bay State Dredging & Contg. Co., 62 Condor St., East Boston. Est. $25,000. Noted Oct. 11.

SUBWAY—**Long Island City, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Sect. 2, Route 108, under Northern Blvd. (Jackson Ave.) and Steinway Ave., to J. F. Cogan Co., Grand Central Terminal, New York, $8,244,267. Noted Oct. 18.

GRADE CROSSING ELIMINATION — **Union** (Ind. sta. Endicott), **N. Y.**—Erie R.R. Co., R. C. Falconer, ch. engr., 50 Church St., New York, eliminating Grays Crossing, near here, to G. D'Angelo, Binghamton, $64,753.

CULVERT—**East St. Louis, Ill.**—East Side Levee & Sanitary Dist., Metropolitan Bldg., double 5 x 5 ft., rein.-con., culvert, 113 ft. long connected at manhole with double 72 in. corrugated pipe culvert 56 ft. long with head wall, spillway, to R. C. Jackson 3326 Bond Ave., $29,300. Noted Sept. 13.

CULVERTS—**Garnett, Kan.**—See "Streets and Roads."

GAS PIPE LINE — **Texas** — Miami Gas Co., c/o D. I. Barton, pres., Miami 6 in. gas pipe line from Magic City gas fields to Miami, day labor. $40,000. Private plans.

OIL TANK, LOADING FACILITIES—**Beaumont, Tex.**—Yount-Lee Oil Co., Inc., San Jacinto Life Bldg., fifty-six 55,000 gal. steel tanks on Nueces River Project, to Reeves Bros., Martin Bldg., Birmingham, Ala.; loading facilities, to A. M. Mutersbaugh, Inc., Nagem Bldg., Lake Charles, La. Total est. $750,000.

ORNAMENTAL LIGHTING SYSTEM — **Culver City, Calif.** — Ornamental lighting system in Culver Blvd. ,to Newbery Electric Corp., 726 South Olive St., Los Angeles, $28,271.

LIGHTING SYSTEM — **Los Angeles, Calif.** — Ornamental lighting system on Santa Monica Blvd., C. I. 624, to J. R. Davies, 2131 Santee St., $31,444. Noted Oct. 25.

AIRPORT—**San Francisco, Calif.**—Runway and drainage works at airport, to M. Rosenberg, 243 Day St., $42,262.

STEEL ROLLING DOORS—**San Francisco, Calif.** — M. H. Gates, secy. State Harbor Comrs., Ferry Bldg., 115 or more steel rolling doors for Pier 45, to Gunn, Carle Co., 444 Market St., $56,300. Noted Oct. 25.

BRICK CHIMNEYS — **Toronto, Ont.** — Toronto Terminals Ry. Co., New Union Sta., J. W. R. Ambrose, engr., 2 radial brick chimneys each 12 ft. diam. x 232 ft. high, in connection with central heating plant, to Francis Hankin & Co., 165 Spadina Ave. Est. $30,000.

FILL AND CULVERTS — **Vancouver, B. C.**—Vancouver Harbor Comrs., 525 Seymour St., 96,800 cu.yd. fill, 4,300 cu.yd. riprap, 4,500 concrete culvert for roadway from Victoria Dr. to Namaimo St., to McKenzie Barge & Derrick Co., 2216 Cambridge St. $70,000.

Materials

Bids Desired

PORTLAND CEMENT—**Milwaukee, Wis.**—Nov. 7, by Central Bd. Purchases, J. W. Nicholson, buyer, 10,000 bbl. more or less portland cement.

CABLE — **Spokane, Wash.** — Nov. 8, by C. T. Bogart, city purch. agt., 23,000 ft. 30-conductor rubber covered lead sheathed cable.

Foreign

Greece — Greek Government, Athens, awarded contract constructing irrigation works in Struma Valley, to Ulen & Co., 120 Bway., and John Monks & Son, 438 Bway., both New York City, $30,000,000.

Union Soviet Socialist Republics — Russian Government, c/o Amtorg Traing Corp., 165 Bway., New York, N. Y., awarded contract electrical apparatus and materials for 6 years to International General Electric Co., 120 Bway., New York, N. Y. Est. $26,000,000.

See proposal advertising on page 134

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UNIT PRICES

Water-Works—Oakland, Calif.

Directors of East Bay Municipal Utility Dist., San Francisco, opened bids Sept. 7, installing water-works, Schedule 1, South Spillway, from (A) Ward Engineering Co., 315 Montgomery St., San Francisco; (B) Youdall Construction Co.; (C) Atkinson Construction Co.; (D) Utah Construction Co.; (E) Twohy Bros. & J. F. Shea. Schedule 2, (lowest four and highest) Jackson Creek Spillway and Dike, (A) Ward Engineering Co.; (B) Youdall Construction Co.; (C) W. A. Bechtel Co.; (D) Twohy Bros. & J. F. Shea; (E) George Pollack Co. Schedule 3, Pardee Reservoir Outlet Tower and appurtenances, (A) Ward Engineering Co. (awarded all 3 contracts); (B) Twohy Bros. & J. F. Shea; (C) Youdall Construction Co.; (D) Charles & George K. Thompson; (E) Utah Construction Co. Unit bids follow:

SCHEDULE I

	A	B	C	D	E
25,000 cu.yd. excav., Class 1	$0.40	$0.66	$1.00	$0.50	$1.50
50,000 cu.yd. excav., Class 2	1.30	1.60	1.00	1.75	3.35
20,000 cu.yd. plain conc. (excl. cement)	5.90	6.20	8.00	8.25	11.75
1,100 yd. reinf. conc. (excl. cement & steel)	5.90	16.00	15.00	16.00	12.25
21,500 bbl. portland cement	3.10	3.10	2.50	3.25	3.05
495,000 lb. reinf. steel	.035	.045	.06	.045	.05
4,000 lb. structural steel	.35	.22	.10	.20	.35
450 lin.ft. guard fence	.90	2.00	2.00	1.00	1.50
115 cu.yd. broken rock or gravel	3.60	4.00	4.00	2.00	5.00
1,200 lb. copper water stops in place	.40	.40	.40	.50	.35
Totals	$286,164	$329,745	$337,490	$376,830	$546,870

SCHEDULE II

	A	B	C	D	E
100 cu.yd. class 1 excav.	$2.92	$1.50	$0.90	$2.00	$1.00
5,700 cu.yd. class 2 excav.	2.92	2.75	6.00	6.00	6.00
2,400 cu.yd. reinf. conc.	16.60	24.00	16.50	18.70	24.00
3,000 bbl. portland cement	3.95	3.05	3.10	2.90	3.25
200,000 lb. reinf. steel	.044	.055	.045	.041	.06
39,500 lb. cast steel liner sections	.25	.16	.20	.133	.14
3 36-in. gate valves	3,690.00	2,975.00	3,000.00	3,700.00	2,600.00
13 30x36 in. cast iron slide gates	2,200.00	1,700.00	1,685.00	1,725.00	1,600.00
4 tower screens, complete (lump sum)	10,080.00	9,600.00	9,100.00	10,700.00	8,000.00
22 screening chamber screens	2,790.00	2,900.00	2,600.00	2,935.00	2,800.00
Structural steel (operating tower)	4,170.00	3,600.00	3,800.00	4,730.00	3,800.00
9 tower window sashes	545.00	405.00	400.00	610.00	270.00
1 tower door complete in place	102.00	125.00	250.00	140.00	50.00
1 foot bridge (excl. of conc. piers)	8,150.00	6,800.00	6,100.00	6,000.00	6,500.00
500 lb. copper water stops	.60	.35	.40	.68	.50
Totals	$150,908	$152,825	$156,760	$158,767	$167,850

SCHEDULE III

	A	B	C	D	E
12,400 yd. class 1 excav.	$0.70	$0.80	$2.00	$0.65	$0.65
10,000 yd. class 2 excav.	1.45	1.50	2.00	1.35	1.20
2,240 yd. plain conc.	8.25	8.00	9.75	11.90	15.00
6,580 yd. reinf. conc.	10.00	9.00	9.75	12.05	23.00
10,900 bbl. cement	3.60	4.30	3.00	3.50	3.50
146,000 lb. reinf. steel	.05	.05	.05	.05	.05
34,000 lb. str. steel	.095	.07	.10	.10	.08
665 ft. guard fence	1.00	2.40	1.50	1.50	1.00
5,500 lb. bronze bolts	.40	.40	.50	.55	.60
40 M. ft. BM redwood timber	70.00	125.00	90.00	120.00	120.00
3 M. ft. BM Doug. fir (floor)	80.00	110.00	90.00	90.00	80.00
925 yd. broken rock	3.80	3.80	3.50	4.00	4.00
850 lb. copper water stops	.50	.40	.60	.35	.60
Totals	$167,481	$172,026	$185,995	$189,793	$266,530

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Bridge—Baltimore, Md.

Sixteen bids were opened by Board of Awards, May 2, bridge over Gwynns Falls and Western Maryland R.R. on Russell St., difference between lowest and average, 16 per cent. Bridge will have roadway 50 ft. between curbs, flanked by two 8-ft. sidewalks. Roadway deck is supported by steel stringers, floor beams, girders and trusses, and with exception of truss span all steel work will be protected by a covering of concrete or cement mortar, 1½ in. thick. There are five deck girder spans, having seven lines of girders and one deck truss span, having five riveted deck Pratt trusses. Four of girder spans are 55.4 ft. center to center of supports, and one span is 52 ft. Truss span is 160 ft. center to center of piers. Length of bridge from end of steel is approximately 433 ft. and over-all length is 476 ft. Width out to out is 70 ft. There are two lines of reinforced concrete hand rail on outer edge of sidewalks. All structural steel will be supported on concrete piers and abutments. The whole structure will be supported on Raymond concrete piles. Lowest four and highest bidders are: (A) Frank Carozza & Son, 2444 North Charles St., (awarded contract); (B) Catalano & Pecora Construction Co., Old Town National Bank Bldg.; (C) Consolidated Engineering Co., 20 East Franklin St.; (D) Forbes-Murphy Construction Co., 406 St. Paul St.; (E) Strobel Steel Construction Co. N. L. Smith, Department of Public Works, Bureau of Highways, highways engineer.

	A	B	C	D	E
Furnishing all labor to complete superstructure of bridge (lump sum)	$129,221.00	$128,921.35	$143,750.00	$139,470.00	$208,800.00
2,500 cu.yd. dry excav.	3.00	2.25	1.75	1.00	4.80
900 cu.yd. wet excav.	3.00	9.00	4.50	4.00	7.75
6,400 cu.yd. backfill at abutments	.40	.90	.60	1.40	2.75
4,020 cu.yd. conc. (1:2:4) in piers, footings	11.44	14.00	12.30	13.60	19.00
100 cu.yd. conc., 1:3:6, for underfill	8.00	10.00	9.00	8.00	12.00
112,670 lb. steel reinforcing in place	.034	.065	.04	.039	.05
25,000 lin.ft. reinforcing concrete piles in place	2.20	2.15	2.28	2.33	2.50
Furnishing and placing pipe and broken stone for drainage system of abutments and wing walls (lump sum)	300.00	500.00	349.20	150.00	450.00
Totals	$247,901	$267,260	$268,217	$272,796	$391,539

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